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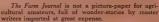
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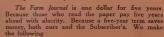


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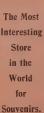
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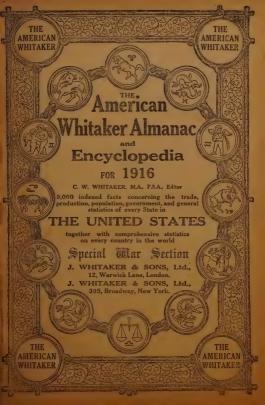
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DEMOCRATIC NATIONAL AND STATE COMMITTEES.

Appointed by or subsequent to the Demogratic National Convention at Baltimore, Md., July, 1912.

Five Pathiesen II. S. Cumming. Standards, VI. Schrift, 1912.

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Alternat. W. M. Kavanagh Little Rock. Schrift, 1912.

Articased, V. M. Kavanagh Little Rock. Schrift

MississippiRobert PowellJackson.				
DEMOCRATIC STATE COMMITTEES, SUBJECT TO FREQUENT CHANGES.				
STATES.	- Chairmen.	Post-Offices.	Secretaries.	Post-Offices.
Alabama	Bibb Graves	Montgomery	Walter Sessions	Birmingham.
Arizona		Nogales	C. C. Thompson	
Arkansas	A. J. Walls	Little Rock	J. S. Maloney	Little Rock.
California	Fred H. Hall	Bakersfield	R. P. Troy	
Colorado	Wellingbur H. Gates		Lee U. Guggenheim	
Connecticut	David C. Fitzgerald	New Haven	P. B. O'sullivan	
Delaware	Thomas F. Bayard	Wilmington	James Lord	
Florida	F. J. Fearnside	Palatka	G. W. Pisher St. Elmo Massengale	De Land.
	E. J. Reagan	McDonough	St. Einio Massongase	
	Joseph T. Pence	Boisé	J. P. Pope	Boise.
	Arthur W. Charles		Isaac B. Craig	Blattoon.
Indiana	Bernard Korbiy	Indianapolis	A. Charles Sallee	
	J. W. Reynolds.	Creston	Earl Bronsen	
Kansas	E. E. Murphy R. H. Vansant	Leavenworth	J. M. Lowis	Kinsley.
Kentucky	Horace Wilkerson	Ashland	John W. Woods	
Louisiana	Charles T. Read	Biddeford	A. J. Newlin	New Orleans.
Maine	Charles F. Read		William F. Curran	
Maryland	Murray Vandiver	Havre de Grace	Albert J. Almoney (acting)	
Massachusetts	Michael A. O'Leary Edmund C. Shields	Boston	D. F. O'Connell A. R. Canfield	Fitchburg.
Michigan	Edmund C. Snields	Minnecoolis	P. boot W. II	
Minnesota		Meridian	Robert W. Hargadine	
Mississippi	J. M. McBeath		Jeseph E. Norwood.	
Missouri			Weerge H. Bradtessagip	
Montana	F. M. Swindlehurst W. H. Thompson.	Livingston Grand Island	W. C. Rae A. P. Sprague	Helena.
Nebraska	S. M. Picketta	Grand Island		YOFK.
Nevada	George E. Fanand	Reno Concord	Robert C. Murchio	
New Jersey			William L. Dill. Thomas J. Coulford G. Van Name	
New Mexico	William C. Osborn	Garrison	G. Van Name	
New York	Thomas D. Warren	Now Berne	J. R. Collie.	
North Carolina			P. W. McLeau	Gouisiairg.
North Dakota	W. L. Finley		J. W. Smith	
Ohio	Alger Melton		S. A. Heatley	
Oregon			Warren Van Dyke Frank E. Sullivan	
Pennsylvania Rhode Island	John B. Sullivan	Name of the control o	formula IC Sullinger	
	John Gary Evans		W C McGowan	
South Dakota	Dr. H. J. Rock	About thirty	W. C. McGowan Miss L. A. Parden	
Tennessee	L. D. Hill		P. L. Harned	
	Paul Waples		Charles J. Kirk.	
			H. M. Stephens, R. B.	
Com	Dameter at Laurinett		Thurman	
Manuscont.	James S. Wannady	ligrimeton.	James E. Byrne	Bullows Falls
Vermont	T Taylor Ellmon		J. N. Brenaman	
Virginta	Tohn D Foresty	Enough		
Washington West Virginia	C Y Changerty			
Wisconsin	S C Bankin		Robert Connaghan	
r wyoming	lo. a. mohrma		Acobert Connagnan	

REPUBLICAN NATIONAL AND STATE COMMITTEES. REPUBLICAN NATIONAL COMMITTEE

Appointed by or subsequent to the Republica	m National Convention at Chicago, June, 1912.			
Chairman Chas. D. Hilles Dobbs Ferry, N.Y.	Missouri T. K. NeidringhausSt. Louis,			
Secretary Jas. B. Reynolds Washington, D.C.	Montana T. A. Marlow Helena,			
Treasurer Goo. R. Sheldon New York.	Nebraska R. B. Howell Omaha.			
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Dist, of Col. , Chapin Brown Washington.	OklahomaJames A. HarrisGuthrie,			
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Georgia Henry S. Jackson Atlanta,	Pennsylvania, Henry G. Wasson . Pittsburgh.			
Hawaii				
IdahoJohn W. HartMenan,	PhilippinesHenry B. McCoy Manila.			
IdanoJohn W. Hart Menan,	Porto Rico S. Behnrary San Juan.			
Illinois Roy O. West Chicago.	Rhode IslandWm. P. Sheffield Newport.			
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Kansas F. S. Stanley Wichita.	Tennessee Newell Sanders Chattanooga.			
KentuckyJ. W. McCulloch Owensboro.	Texas H. F. MacGregor Houston.			
Louisiana Victor Loisel New Orleans.	UtahReed SmootProvo.			
Maine Frederick Hale Portland	Vermont , Earle S. Kinsley Rutland.			
Maryland Wm. P. Jackson Salisbury.	Virginia Alvah H. Martin Norfolk.			
Massachusetts W. Murray Crane . Dalton.	Washington . S. A. Perkins Tacoma.			
Michigan Chas. B. Warren Detroit.	West Virginia H. D. Haffield Charleston.			
Minnesota E. P. Hawkins Duluth.	Wisconsin Alfred T. Rogers Madison.			
Mississippi L. B. Mosely Jackson.	Wyoming Geo. E. Pexton Evanston.			

REPUBLICAN STATE COMMITTEES, SUBJECT TO FREQUENT CHANGES. S. Chairmen. Post-Offices. Secretaries. Post-offices.

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Arboness	H L Remmel	Little Rock	George Mallory	Little Rock
Chlifornia	H. L. Remmel W. R. Bacon	San Francisco	R. M. Armstrong (Asst.)	San firanciese
	Philip B. Stewart		John F. Vitian	Denvot
	J. Henry Roraback		Andrew G. Wystrom	Hantford 6
Connecticut		Wilmington	Those Q Tomic	
Delaware	Henry S. Chubb		AHOO, D. LICWID	
Florida	Henry S. Chuod	Gainesville	Joseph E. Lee	Jacksonville.
	W. H. Johnson	Columbus	S. C. Johnson	Savannah.
	G. De F. Kinney	Peoria	C. J. Doyle	Springfield.
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	Chas. A. Rawson	Des Moines	L. B. Whitney	
L'ontueler.	E T Franks	Owenshoro	Alvie S Rennett	
	Fred. H. Parkhurst		H U Unstings	Rothol
Maine	John B. Henna	Rol Air	Roni M Hanghay	Politica.
	Edward A. Thurston		Doniersin E Volt	Boston Broad
Massachusoves	C. M. D.	Northmost	D E Almand	
	G. M. Dame		D. E. Alward	Clare.
Minnesota	W. O. Ligon	Minnespous	W. O. Clure	Minneapolis.
	W. O. Ligon	Gioster		Raymond.
	Jacob L. Babler	St. Louis	William G. Kitchen	St. Louis.
Montana	J. E. Edwards		Richard Lockey, Jr	Helena.
Nebraska	William Husenetter	Linwood	R. G. Douglas	Osceola,
	William Husenetter George L. Sanford		Louis A. Spellier	
NewHampshire		Dover	George A. Wagner	Manchester
New Jorsey	Newton A. Bugbee Ralph C. Ely	Trenton	J. I. Blair Reiley	Phillipshurg
	Ralph C Ely	Santa Pé	Jose D. Sepa	Santa R4
Now York	William Barnes, Jr Frank A. Linney	Albany	Lafavette B. Gleason	
	Decade 4 Tipnor	Roome	Gilliam Grissom	
			T M Dowing	Mines
North Dakots	W. L. Parmenter	Time	C II IIDitte	Minor
	Arthur H. Geissler	Ohlahama Cita	Charles C Olera	Newark.
OKIANOIIII		ORIGIDIDA CICY		Guturie.
	Chas. B. Moores	Portland	Edward D. Baidwin	The Dailes
	William E. Crow	Uniontown	W. Harry Baker	Philadelphia.
	Joseph P. Burlingame Jos. W. Tolbert.	Providence	Nathan M. Wright	
	Jos. W. Tolbert		H. H. Mobley	Columbia.
		Pierre	C. B. Powers	
	J. L. Lockhart J. S. Beasley Cecil A. Lyon	Nashville		Camden.
	Cecil A. Lvon	Sherman	Bart Marshall	Sherman.
	C. E. Loose,		H. L. Cummings	Salt Lake City
	C. E. Loose. Stanley Wilson		I R Searles	St. Johnshure
		Rig Stone Gon		Poppolto
	C. B. Slemp Millard T. Hartson T. J. Sherrard Geo. E. Scott	Conttle	Towns & Wood	
	Miliant L. Marsour	Wallsham	D D Dannhaim	Observed.
Mest Anginia	1. J. Suerrard	Desirie Person	R. D. Derillieilli	Charleston.
Wisconsin	(760. P. SCOLL	Craute Parm	E. F. Disminar	
Wyoming	Patrick Sullivan		WILL R. WCCKS	Lander.
				-

First Month.		JANUARY, 1916.	31 1	Days.
Month	Day of Week.	Fixed and Movable Feasts and Anniversaries	Day of Year.	Days to End of Year.
1	Saturday	Hew Year's Day. Emancipation, 1863.	1	365
3	Sunday Monday Tuesday	2nd S. a. Christmas. Battle of Murfrees- Princeton, 1777. [boro ended, 1863. Sir Isaac Pitman, phonographer, b. 1813.	2 3 4	364 363 362
4 5 6	Wednesday Thursday	Stephen Decatur born, 1779. Epiphany. Twelfth Day.	5 6	361 360
7 8	Friday Saturday	Millard Fillmore born, 1800. Springfield, Battle of New Orleans, 1815. [1863.	7 8	359 358
9	Sunday Monday	1st S. a. Epiphany. Napoleon III. d. 1873. Penny Postage inaugurated in U.K., 1840.	9	
11 12 13	Tuesday Wednesday Thursday	Alexander Hamilton born, 1757. John S. Sargent born, 1856. Assault on Fort Fisher, N.C., 1865.	11 12 13	355 354 353
14	Friday Saturday	Benedict Arnold born, 1741. Fort Fisher capitulated, 1865.	14	
16 17 18 19 20 21 22	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	2nd S. aft. Epipbang. Henry W. Halleck Franklin born, 1706. Daniel Webster born, 1782. Gen. R. E. Leeb. 1807. E. A. Poeb. 1809. Richard Henry Lee born, 1732. Stonewall Jackson born, 1824. Raisin River massacre, 1813.	16 17 18 19 20 21 22	349 348 347 346 345
23 24 25 26 27 28 29	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	3rd S. art. Epupb. Josiah Quiney b. 1744. Benjamin Lincoln born, 1733. Conversion of St. Pauk. R. Burns b. 1759. Gordon fell at Khartoum, 1885. William II., German Emperor, b. 1859. Peter the Great died, 1725. William McKinley born, 1843.	23 24 25 26 27 28 29	341 340 339 338
30 31	Sunday Monday	4th S. a. Epiphany. Charles I. beheaded, James G. Blaine born, 1830. [1649.	30	336

		STANDARD TIME.					
Moon's Phases,	Day.	Alaskan.	Pacific,	Mountain.	Central.	Eastern.	P Inter- Colonial.
New Moon	'4 11 19 27	11. M. 7 45 6 38 11 29 3 35	В. м. 8 45 7 38 0 29* 4 35	н. м. 9 45 8 38 1 29* 5 35	11. N. 10 45 9 38 2 29* 6 35	11. M. 21 45 20 38 3 29* 7 35	и. м. 0 45† хх 38 4 29° 8 35
		o zotli.					

Second Month. FEBRUARY, 1916. 29 Days.								
	Day of			Days to				
Month	. Week	Fixed and Movable Feasts and Anniversaries.	Year.	End of Year.				
I	Tuesday	David Porter born, 1780; died, 1843.	32	334				
2	Wednesday	Purification. Candlemas.	33	333				
3	Thursday	Horace Greeley born, 1811.	34	332				
4	Friday	John Marshall born, 1755.	35	331				
5	Saturday	Sir Hiram S. Maxim born, 1840.	36	330				
6	SUNDAY	5th Sunday a. Epiphany. A. Burr b. 1756.	37	329				
7	Monday	Charles Dickens born, 1812.	38	328				
8	Tuesday	Jeff. Davis elect. Pres. of the Conf., 1861.	39	327				
9	Wednesday	William Henry Harrison born, 1773.	40	326				
10	Thursday	Massachusetts Petition, 1768.	41	325				
II	Friday	Thomas Alva Edison born, 1847.	42	324				
12	Saturday	Abraham Lincoln born, 1809.	43	323				
13	SUNDAY	6th Sun, a. Epiphany. R. Wagner d. 1883.	44	322				
14	Monday	St. Valentine.	45	321				
15	Tuesday	Battleship Maine destroyed, 1898.	46	320				
16	Wednesday	Lindley Murray, grammarian, died, 1826.	47	319				
17	Thursday	Heinrich Heine died, 1856.	48	318				
18	Friday	George Peabody born, 1795.	49	317				
19	Saturday	Edison phonograph patented, 1878.	50	316				
20	SUNDAY	Septuagesima. David Garrick b. 1716.	51	315				
21	Monday	Secretary John Thurloe (Cromwellian), d.	52	.314				
22	Tuesday	George Washington born, 1732. [1668.]	53	313				
23	Wednesday	John Quincy Adams died, 1848.	54	312				
24	Thursday	St. Matthias. Baltimore reached Port	55	311				
25	Friday	Sir Chr. Wren d. 1723. [Comfort, 1634.	56	310				
26	Saturday	Eugene Schuyler born, 1840.	57	309				
27	SUNDAY	Seragesima, H. W. Longfellow b. 1807.	58	308				
28	Monday	Delaware app. Gov. of Virginia, 1609.	59	307				
29	Tuesday	Italians defeated, Adowa, Abyssinia, 1896.	60	306				

PHASES OF THE MOON FOR FEBRUARY.

		STANDARD TIME.							
Moon's Phases.	Day.	Alaskan. Pacific,		Mountain	Central.	Eastern.	Inter- Colonial.		
New Moon	18	и. м. 7 б 1 20 5 29 0 24	H. M 8 6 2 20 6 29 1 24	M. M. 9 6 3 20 7 29 2 24	н. м. 10 б 4 20 8 29 3 24	II. M. 1I 6 5 20 9 29 4 24	11. 31. 0 6 6 20 10 29 5 24		

Third Month.		MARCH, 1916.	31 Days.		
Month	Day of Week.	Fixed and Movable Feasts and Anniversaries.	Day of Year.	Days to End of Year.	
1	Wednesday	St. David. Augustus St. Gaudens b. Independence Day, Texas (1836). [1848. Alexander Graham Bell born, 1847. Inauguration Day.	61	3°5	
2	Thursday		62	3°4	
3	Friday		63	3°3	
4	Saturday		64	3°2	
5 6 7 8 9 10	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	Quinquagesima. Boston massacre, 1770. Philip H. Sheridan born, 1831. Shrove Tuesday or Mardi Gras. Ash Wednesday. Fight between Merrimac and Monitor, William Huskisson born, 1770. [1862. Henry Wheaton died, 1848.	65 66 67 68 69 70 71	301 300 299 298 297 296 295	
12	SUNDAY	Quabragesima. First Sunday in Lent. Standard Time established, 1884. Cotton gin patented, 1794. And. Jackson b. 1767. Sir H. Bessemer James Madison born, 1751. [d. 1898. St. Patrick. William Pinckney b. 1764. Grover Cleveland born, 1837.	72	294	
13	Monday		73	293	
14	Tuesday		74	292	
15	Wednesday		75	291	
16	Thursday		76	290	
17	Friday		77	289	
18	Saturday		78	288	
19	Sunday	2nd 5. in Lent. W. J. Bryan b. 1860.	79	287	
20	Monday	Charles W. Eliot born, 1834.	80	286	
21	Tuesday	St. Benedict.	81	285	
22	Wednesday	Sir A. Vandyck, painter, born, 1599.	82	284	
23	Thursday	Schuyler Coltax born, 1823.	83	283	
24	Friday	Queen Elizabeth died, 1603.	84	282	
25	Saturday	Amunication. Lady Day.	85	281	
26	SUNDAY	3to Sunday in Lent. Beethoven d. 1827.	86	280	
27	Monday	Florida discovered by P. de Leon, 1513.	87	279	
28	Tuesday	Margaret (Peg) Wolfington, actress, died,	88	278	
29	Wednesday	John Tyler born, 1790.	89	277	
30	Thursday	Alaska purchased from Russia, 1867.	90	276	
31	Friday	John La Farge born, 1835.	91	275	

PHASES OF THE MOON FOR MARCH.

		STANDARD TIME.					
' Moon's Phases.,	Day.	Alaskan.	Pacific.	Mountain.	Central.	Eastern,	
New Moon	3 11 19 26	H. M. 6 58 9 33 8 27 7 22	16. M. 7 58 10 33 9 27 8 22	H. H. 8 58 11 33 10 27 9 22	H. M. 9 58 0 33 11 27 10 22	п. м. 10 58 1 33 0 27 11 22	11. M. 11 58 2 33 1 27 0 22

For	urth Month.	APRIL, 1916.	50 I	Days.
	Day of		Day	Days to End of
Month	Week.	Fixed and Movable Feasts and Anniversaries.	Year.	Year
1	Saturday	All Fools' Day. Bat. of Five Forks, '65.	92	274
2	SUNDAY	4th Sun. in Lent. Richmond evacd. 1865.	93	273
3	Monday	Washington Irving born, 1783.	94	272
4	Tuesday	W. H. Harrison d. 1841.	95	271
5 6	Wednesday	Elihu Yale born, 1649.	96	270
	Thursday	Peary reached the North Pole, 1909.	97	269
7 8	Friday Saturday	Battle of Shiloh ended, 1862.	98	268
8	Saturday	Mergenthaler Linotype patented, 1890.	99	267
9.	SUNDAY	5th S. in Lent. Appomattox Court House,	100	266
10	Monday	Lewis Wallace born, 1827. 1865.	IOI	265
II	Tuesday	Charles Reade, novelist, died, 1884.	102	264
12	Wednesday	Hy. Clay b. 1777. Fort Sumter fired on,		263
13	Thursday	Thomas Jefferson born, 1743. [1861.		262
14	Friday	Assassination of Lincoln, 1865.	105	261
15	Saturday	Titanic disaster, 1912; 1513 lives lost.	106	260
16	SUNDAY	palm Sunday. Baltimore capt. Kent Is.,	107	259
17	Monday	J. Pierpont Morgan born, 1837. [1647.	108	258
18	Tuesday	San Francisco earthquake, 1906.	109	257
19	Wednesday	Battles of Lexington and Concord, 1775.	IIO	256
20	Thursday	Siege of Boston begun, 1775.	III	255
21	Friday	Good Friday. War dec. with Spain, 1898.	112	254
22	Saturday	The plow first used in Canada, 1628.	113	253
23	SUNDAY	Easter Sunday, St. George. Shakespeare	114	252
24	Monday	Daniel Defoe died, 1731. b. 1564.	115	251
25	Tuesday	St. Mark.	116	250
26	Wednesday	Johnston surrendered to Sherman, 1865.	117	249
27	Thursday	U. S. Grant born, 1822. R. W. Emerson		248
28	Friday	James Monroe born, 1758. [d. 1882.		247
29	Saturday	Oliver Ellsworth born, 1745.	120	246
30	SUNDAY	1st S. a. Easter. Washington inaug. 1789.	121	245
	PH	ASES OF THE MOON FOR APRIL		

				STANDA	ed Tine.		
Moon's Phases.	Day.	Alaskan.	Pacific,	Mountain.	Central.	Eastern.	Inter- Colonial.
New Moon D First Quarter Full Moon Last Quarter	2 10 17 24	H. M. 7 21 5 36 8 8 x 38	н. м. 8 21 6 36 9 8 2 38	н. м. 9 21 7 36 10 8 3 38	H. M. 10 21 8 36 11 8 4 38	H. M. 11 21 9 36 0 8* 5 38	ii. M. o 21 io 36 i 8*
			0 -011-				

Fift	h Month.	MAY, 1916.	31 E	ays.
Month	Day of Week.	Fixed and Movable Feasts and Anniversaries.	Day of Year.	Days to End of Year.
1 2 3 4 5 6	Monday Tuesday Wednesday Thursday Friday Saturday	SS.Philip & James. B. of Manila Bay,'98. C.P.R. commenced, 1881. Jamaica discovered, 1494. Battle of Chancellorsville ended, 1863. Battle of the Wilderness begun, 1864. King Edward VII. died, 1910.	122 123 124 125 126 127	244 243 242 241 240 239
7 8 9 10 11 12 13	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	2nd S. a. Easter. Com. Peary born, 1856. Treaty on the Alabama claims, 1871. Gustave Flaubert, French writer, d. 1880. Ticonderoga, 1775. John Sherman born, English captured Jamaica, 1655. [1823. Bat. of Spottsylvania Court House, 1864. Jamestown settled, 1607.	129 130 131 132	238 237 236 235 234 233 232
14 15 16 17 18 19 20	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	3to S. a. Easter. Lewis & Clark ex. 1804. Maximilian of Mexico abdieated, 1867. William H. Seward born, 1801. King Alphonso of Spain born, 1886. Hawthorned. 1864. Czarof Russia b. 1868. Johns Hopkins born, 1794. Lafayette died, 1834.	136 137 138	229 228 227 226 225 224 223
2I 22 23 24 25 26	SUNDAY Monday Tuesday Wednesday Thursday Friday	4tb S. a. Easter. Reverdy Johnson b. 1796. Sir A. Conan Doyle born, 1859. Bulwer Lytton, novelist, died, 1872. Baltimore & Ohio R.R. opened, 1830. R. W. Emerson born, 1803. End of the Civil War, 1867.		231 230 222 221 220

Johnstown, Pa., floods, 1889.

Tuesday Wednesday Rogation Sunday. William Pitt b. 1759. 149

PH	ASES	OF TH	IE MOC				
Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain	Central.	"Eastern.	
New Moon First Quarter Full Moon (Last Quarter New Moon	9 17 23 31	H. M. 8 29 IX 47 5 II 8 16 IO 37	H. M. 9 29 0 47† 6 11 9 16 11 37	H. H. 10 29 1 47† 7 11 10 16 0 37	11. M. 11 29 2 47† 8 11 11 16 2 37	B. M. 0 29* 3 47† 9 11 0 16‡ 2 37	H: M. 1 29* 4 47† 10 11 1 16‡ 3 37

SIX	in Month.	9011L, 1010.	<u> </u>	uys.
	Day of		Day	Days to
Month	· Week.	Fixed and Movable Feasts and Anniversaries.	of Year.	End of Year.
I	Thursday	Ascension Day. Chesapeake v. Shannon,	153	213
2	Friday	Philip Kearny born, 1815. 1813.	154	212
3	Saturday	Corpus Christi. King George V. b. 1865.	155	211
4	SUNDAY	Sunday after Ascension.	156	210
5	Monday	Battle of Sandusky, Ohio, 1782.	157	209
	Tuesday	Memphis fell, 1862.	158	208
7 8	Wednesday	Lord Delaware died, 1618.	159	207
8	Thursday	Andrew Jackson died, 1845. \[\int 1647. \]		206
9	Friday	Lord Baltimore, Gov. of Maryland, d.		205
10	Saturday	Delaware arrived in James River, 1610.	162	204
TI.	SUNDAY	Whit Sunday. Pentecost. St. Barnabas.		203
12	Monday	U.S. forces sailed for Santiago, Cuba,'98.	164	202
13	Tuesday	First Canadian Parliament met, 1841.	165	201
14	Wednesday	Flag Day. Stars and Stripes adopted,1777.	166	200
15	Thursday	Magna Carta signed, 1215. J.K. Polk d.'49.		199
16	Friday	Battle of Camden, S.C., 1780.	168	198
17	Saturday	Battle of Bunker Hill, 1775.	169	197
18	SUNDAY	Trinity S. War with Gt. Brit. dec. 1812.	170	196
19	Monday	Alabama destroyed by Kearsarge, 1864.	171	195
20	Tuesday	Accession of Queen Victoria, 1837.	172	194
21	Wednesday	U.S. Army arrived in Cuba, 1898.	173	193
22	Thursday	Nicolo Machiavelli died, 1527.	174	192
23	Friday	W. Penn's treaty with the Indians, 1683.	175	191
24	Saturday	St. John Baptist. Midsummer Day.	176	190
25	SUNDAY	1st Sunday after Trinity.	177	189
26	Monday	Francisco Pizarro died, 1541.	178	188
27	Tuesday	Harriet Martineau, authoress, died, 1876.		187
28	Wednesday			186
29	Thursday	St. Peter. Henry Clay died, 1852. [1836.		185
30	Friday	General J. E. Oglethorpe died, 1785.	182	184
	PI	HASES OF THE MOON FOR JUNE.		-

Sixth Month. JUNE, 1916.

30 Days.

				· STANDAR	D TIME.		
Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain.	Central.	Eastern	Inter- Colonial.
D First Quarter O Full Moon (Last Quarter D New Moon	8. 15 22 30	H. M. 2 59 0 42 4 16 1 43	H. M. 3 59 1 42 5 16 2 43	н. м. 4 59 2 42 6 16 3 43	п. м. 5 59 3 42 7 16 4 43	н. м. 6 59 4 42 8 16 5 43	# H. 7 59 5 42 9 10 6 43

Sev	enth Month	. JULY, 1916.	31 D	ays.
Month	Day of Week,	Fixed and Movable Feasts and Anniversaries.	Day of Year.	Days to End of Year.
ı	Saturday	Battle of Gettysburg begun, 1863.	183	183
2 3 4 5 6 7 8 9 10 11 12 13	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Wednesday Thursday	200 S. a. Ctin. Pres. Garfield shot, 1881. Cervera's fleet destroyed off Santiago, INDEPENDENCE DAY. [1898. Chippews, 1814. Cecil J. Rhodes b., 1853. Paul Jones born, 1747. Ticonderoga, 1758. Annexation of Hawaii, 1898. Adam Smith, economic writer, d. 1790. 3to S. aft. Ctin. Lord Delaware b. 1577. Capt. Marryat, novelist, b. 1792. J. Q. Adams born, 1767. Orangemen's Day. Thoreau born, 1817. Treaty of Berlin, 1878.	185 186 187 188 189 190 191 192 193	182 181 180 179 178 177 176 175 174 173 172 171
14	Friday Saturday	Destruction of the Bastille, 1789. St. Swithun. Battle of Stony Point, 1779.	196	170
16 17 18. 19 20 21 22	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	4th Sun. a. Trin. Santiago surrendered, Elbridge Gerry born, 1744. [1898. Jane Austen, novelist, died, 1817. Sam. Colt b. 1814. Robt. J. Walker b. First Battle of Atlanta, 1864. [1801. Battle of Bull Run, 1861. [Quebec, 1629. St. Mary Magdalene. Eng. flag hoisted at	199 200 201 202 203	168 167 166 165 164 163 162
23 24 25 26 27 28 29	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	5th 5. a. Trinity. U. S. Grant died, 1885 Martin van Buren died, 1862. St. James. Lundy's Lane, 1814. Geo. Clinton b. 1739. Louisburg, 1758. Atlantic cable completed, 1866. The Alabama sailed from the Mersey. Treaty with Japan signed, 1858. [1862	206 207 208 209 210	161 160 159 158 157 156
30 31	Sunday Monday	6th Sun. aft. Trinity. W. Penn d. 1718 Andrew Johnson died, 1875.	212	154
	PI	HASES OF THE MOON FOR JULY.		
	7 1 7	STANDARD TIME.		
- 0	Moon's Phases.	Day		

1					Syandai	ED TIME.		
1. 1.1. 1000	Moon's Phases. First Quarter Full Moon Last Quarter New Moon	8 14 21 29	Alaskan. 2 55 7 40 2 33 5 15	Pacific. H. M. 3 55 8 40 3 33 6 15	Mountain, H. M. 4 55 9 40 4 33 7 15	Central. 5 55 10 40 5 33 8 15	Eastern. H. M. 6 55 11 40 6 33 9 15	Inter- Colonial.

Eig	nth Month.		AUG	001., 1	310.		'	י זע	Jays.	
	Day of	- 1	41.15		. 1. 1			Day	Days to	
Month	Week.	Fix	ed and Mo	vable Feas	ts and An	iversaries		Year	Year.	
1	Tuesday	R. H.	Dana b	orn. 18	15.			214	152	
2	Wednesday		arion Cr			54.		215	151	
3	Thursday		Columbus sailed from Palos, 1492.							
4	Friday		ria Nyar					216	150	
5	Saturday		oundlan				3.	218	148	
6	SUNDAY	7tb S.	a. Trin.	Transfi	quration	. Oriska	any,	219	147	
7	Monday	Josep	h Rodm	an Drál	ke b. 170	5. 11	776.	220	146	
8	Tuesday		vas del (221	145	
9	Wednesday;		usion of					222	144	
10	Thursday	St. Lo	uvrence.	Edmur	d Rando	olph b. 1	753-	223	143	
II	Friday		n's Cleri				on.	224	142	
12	Saturday	Georg	ge Steph	enson d	lied, 184	8.		225	141	
13	SUNDAY	8th S	. a. Trin	ity. M	anila su	rend. 1	898.	226	140	
14	Monday	Relief	of Peki	ng by ti	he Allies	, 1900.		227	139	
15	Tuesday		nption B					228	138	
16	Wednesday	Battle	of Ben	nington	, Vt., 17	77-		229	137	
17	Thursday		rick the					230	136	
18	Friday	Empe	eror of A	ustria b	orn, 183	30.		231	135	
19	Saturday	Const	itution 8	ind Gue	errière, 1	812.		232	134	
20	SUNDAY	9th S	. a. Trin	ity. Ber	nj. Harri	son b. 1	833.	233	133	
21	Monday		Thomps			ord, d. 1	814.	234	132	
22	Tuesday		Salisbur					235	131	
23	Wednesday		of Tenn					236	130	
24	Thursday	St.Ba	rtholome	w. Ba	ttle of E	ladenst	urg,	237	129	
25	Friday	Franc	is Bret	Harte b	orn, 183	39. LI	814.	238	128	
26	Saturday	J. P.	Palm sh	of by N	apoleon	, 1806.		239	127	
27	SUNDAY		Sunday :					240	126	
28	Monday		ugustine.			assas, 1	862.	241	125	
29	Tuesday		am You					242	124	
30	Wednesday		acre at I			13.		243	123	
31	Thursday	Battle	e of Jone	esboro,	1864.			244	122	
	PHA	SES C	F THE	MOON	FOR A	AUGUST	۲.			
		T	I		STANDAL	id Time.				
	Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain.	Central.	East	ern.	Inter- Colonial.	
D Fir	st Quarter	. 6	н. м.	E. M.	н. м.	В, М.	B.	и.	п. м.	

Eighth Month. AUGUST, 1916.

31 Days.

13 3 0 4 0 5 0 6 0 7 0 8 0 20 3 53 4 53 5 53 6 53 7 53 8 53 28 8 25 9 25 10 25 11 25 0 25 1 25

Nia	th Month.	SEPTEMBER, 1916.	50	Days.
	Day of	Fixed and Moyable Feasts and Anniversaries.	Day	Days to
Month	Week.	Fixed and Moyable Feasts and Almiversaries.	Year	Year.
1	Friday	John Bunyan died, 1688.	245	IZI.
2-	Saturday	Henry George born, 1839.	246	120
3	SUNDAY	11th S. aft. Trin. Peace s. Gt. Britain,		119
4	Monday	French Republic declared, 1870. [1783.	248	118
5	Tuesday	Congress of Philadelphia, 1774.	249	117
6	Wednesday	The Mayflower sailed from England, 1620.		
-:7	Thursday	Howell Cobb born, 1815.	251	115
8	Friday	Battle of Lake George, 1755.	252	114
9	Saturday	Admiral Broke, of the Shannon, b. 1776.	253	113
IO	SUNDAY .	12th S. att. Crin. Perry's victory, 1813.	254	112
II	Monday	Brandywine, 1777. McDonough's vict.'14.	255	III
12	Tuesday	Old Defenders' Day.	256	IIO
13	Wednesday	Battle of Chapultepec, 1847.	257	109
14	Thursday	William McKinley died, 1901.	258	
15	Friday	William H. Taft born, 1857.	259	
16	Saturday	Samuel Adams born, 1722.	260	106
17	SUNDAY	13th S. a. Trin. Battle of Antietam, 1862.		105
18	Monday	Quebec capitulated to the English, 1759.	262	104
19	Tuesday	Washington's Farewell, 1796.	263	
20	Wednesday	Battle of Chickamauga ended, 1863.	264	
21	Thursday	St. Matthew. Sir Walter Scott d. 1832.	265	
22	Friday	Michael Faraday, scientist, born, 1791.	266	
23	Saturday	Major André captured, 1780.	267	99
24	SUNDAY	14th S. a. Trin. Black Friday in N.Y.'69.	268	98
25	Monday	Balboa discovered the Pacific, 1513.	269	
26	Tuesday	F. Wayland died, 1865.	270	96
27	Wednesday	Raphael Semmes (Alabama), born, 1809.	271	95
28.	Thursday	Naval battle on Lake Ontario, 1813.	272	94
29	Friday	St. Michael and All Angels. Newmarket		
30	Saturday	George Whitefield died, 1770. [1864.	274	92

PHASES OF THE MOON FOR SEPTEMBER.

				STANDAR	D TIME.		
Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain.	Central.	Eastern.	
First Quarter Full Moon Last Quarter New Moon	4 11 18 26	H. M. 7 27 11 31 8 35 10 24	н. м. 8 27 0 31 9 35	H. M. 9 27 1 31 10 35	10 27 2 31 11 35	II. N. II 27 3 31 0 35†	u. n. o 27* 4 31 1 35† 3 341
	o sth.						

Sunday	Days.
Sunday	Days of to End
2 Monday Major André hanged, 1780. Cl. 1867, 27 Tuesday Wednesday Germantown, 1777. R. B. Hayes b. 182.2 27 Chester Alan Arthur born, 1830. Chester Alan Art	
Tuesday	5 91
Wednesday	90
Thursday Chester Alan Arthur born, 1830. 27 28 27 28 28 28 29 29 29 29 29	
6 Friday German Immigrants arrived in Pennsyl. 28 7 Saturday Edgar A. Poe died, 1849. [vania, 1683] 28 8 Suxday Ito 5. a. Ctin. Great Fire Chicago, 1871. 28 9 Monday Yale College Charter granted, 1701. 28 12 Thursday Friday Staturday 28 12 Thursday Friday Staturday Maisonneux founded Montreal, 1641. 28 15 Suxday Monday 17tb 5. a. Ctin. Gregorian Cal. int. 1582. 28 16 Monday N. Webster b. 1758. Harper's Ferry, 1859. 29 20 Friday St. Luke. 29 21 Saturday St. Luke. 29 22 Suxday St. Saturday Staturday Staturday 22 Suxday St. Saturday St. Saturday St. Tuke. 29 23 Monday Adlai E. Stevenson born, 1835. [1685. 29 24 Tuesday St. Stevenson born, 1835. [1685. 29 25 Wednesday Stattle of Pine Bluff, Arkansas, 1863. 29	
Saturday	
Sunday Monday Yale College Charter granted, 1701. 28 28 28 28 28 28 29 29	
9 Monday Tale College Charter granted, 1701. 28 28 21 Wednesday Naval battle on Lake Champlain, 1776. 28 28 29 29 Wednesday Saturday Monday Thussday Saturday Thussday Thussday Saturday Thussday Thussday Thussday Thussday Thussday Saturday Thussday Saturday Thussday Saturday Satu	85
Tuesday B. West born, 1738. 28 28 28 28 28 28 28	84
11	
Thursday Columbus discovered America, 1492 281 3 Friday Battle of Queenstown, Canada, 1812 283 284 Saturday Maisonneux founded Montreal, 1641. 175 Sunday 17tb S. a. Ttin. Gregorian Cal. int. 1582 285 N. Webster b. 1758 Harper's Ferry, 1859 296 297 18 Wednesday St. Luke. 298	
Saturday	
14 Saturday Maisonneux founded Montreal, 1641. 28 15 Sunnay 17 Desday 17tb S. a, Cttit. Gregorian Cal. int. 1532. 28 16 Monday N.Webster b. 1758. Harper's Ferry, 1859. 29 18 Wednesday St. Luke. 29 20 Friday St. Luke. 29 21 Saturday Boundary Treaty with Gr. Britain, 1818. 29 22 Sunnay Battle of Trafalgar, 1805. 29 23 Monday Adlai E. Stevenson born, 1835. [1685. 29 24 Tuesday Dan. Webster died, 1852. 29 29 25 Wednesday Stetle of Pine Bluff, Arkansas, 1863. 29	
17tb S. a, Ttitt. Gregorian Cal. int. 1582. 288 Monday Tuesday Monday Mond	
16 Monday N.Webster b. 1758. Harper's Ferry, 1859. 29. 17 Tuesday Saratoga. 7777. 29. 19 Thursday St. Luke. 29. 21 Saturday Battle of Trafalgar, 1865. 29. 22 SUNDAY IStb S. a. Crin. Edict of Nantes revoked, 24. 21. 23 Monday Adlai E. Stevenson born, 1835. 1085. 24 Tuesday Dan. Webster died, 1852. 29. 25 Wednesday, Battle of Pine Bluff, Arkansas, 1863. 29.	78
Tuesday Saratoga, 1777. 29 29 29 29 29 29 29 2	77
18 Wednesday St. Luke. 290 19 Thursday Beclar, of Rights and Liberties, 1765. 290 20 Fridáy Boundary Treaty with Gr. Britain, 1818. 290 21 Sunday Battle of Trafalgar, 1805. 290 22 Sunday Hostoria Gradies 290 23 Monday Adlai E. Stevenson born, 1835. 1685. 290 24 Tuesday Dan. Westser died, 1852. 290 290 25 Wednesday Battle of Pine Bluff, Arkansas, 1863. 290	76
19	75
zo Friday Boundary Treaty with Gr. Britain, 1818. 29. zu Surnar Battle of Trafalgar, 1805. 29. za Monday Life 5. a. Trin. Edict of Nantes revoked. 29. za Tuesday Adlai E. Stevenson born, 1835. 1685. 29. za Tuesday Dan. Wester died, 1823. 29. za Wednesday Battle of Pine Bluff, Arkansas, 1863. 29.	.74
21 Saturday Battle of Trafalgar, 1805. 293 22 SUNDAY 18tb S. a. Trin. Edict of Nantes revoked, Adlai E. Stevenson born, 1835. 297 24 Tuesday Dan. Webster died, 1852. 297 25 Wednesday, Battle of Pine Bluff, Arkansas, 1863. 299	
22 SUNDAY 18tb S. a. Trill. Edict of Nantes revoked, 29th Adlai E. Stevenson born, 1835. [1685. 29th 22th Webster died, 1852. 29th Wednesday, Battle of Pine Bluff, Arkansas, 1863. 29th Webster died, 1852. 29th Wednesday, Battle of Pine Bluff, Arkansas, 1863. 29th Webster died, 1852. 29th Wednesday, Battle of Pine Bluff, Arkansas, 1863. 29th Webster died with Webst	
23 Monday 24 Tuesday 25 Wednesday 26 Battle of Pine Bluff, Arkansas, 1863.	71
23 Monday 24 Tuesday 25 Wednesday 26 Battle of Pine Bluff, Arkansas, 1863.	70
Tuesday Dan. Webster died, 1852. Dan. Webster died, 1852. Battle of Pine Bluff, Arkansas, 1863.	
	68
26 Thursday Erie Canal completed, 1825. 300	
27 Friday Theodore Roosevelt born, 1858. 30:	
28 Saturday SS. Simon and Jude. White Plains, 1776. 30:	64
29 SUNDAY 19th Sunday after Trinity. Hallowe'en. 30:	63
30 Monday J. Adams b. 1735. Adm. Cochrane d. 1860. 30.	
31 Tuesday Earl of Rosse, astronomer, died, 1867. 309	

31 Tuesday			, aberon	, c	.00, 100	7. 3	3 01
PHAS	ES O	F THE	MOON	FOR O	СТОВЕ	R.	
				- STANDAR	ED TIME.		
Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain.	Central.	Bastern.	. Inter-
First Quarter	4	11. N. 2 I 10 I	H. M. 3 I	и. м. 4 I 0 I*	ы. м. 5 г	II. M. 6 I	H. 'M.
C Last Quarter	10 18 26	10 I 4 9 11 37	5 9	6 9	7 9	8 9	9 9

Elev	enth Montl	. NOVEMBER, 1916. 3	0 D	ays.
Month	Day of	Fixed and Moyable Feasts and Anniversaries.	Day of Year.	Days to End of Year.
1	Wednesday	All Saints. Stamp Act effective, 1765.	306	60
2	Thursday	All Souls. Elect. Day. J. K. Polk b. 1795.	307	59
3	Friday	American Army disbanded, 1783.	308	58
4	Saturday	Felix Mendelssohn-Bartholdi died, 1847.	309	57
5	SUNDAY	20th S. a. Trin. Gunpdr. Plot, Eng., 1604.	310	56
6	Monday	George Gordon Meade died, 1872.	311	55
7	Tuesday	Battle of Tippecanoe, 1811.	312	54
8	Wednesday	Mason & Slidell taken from Trent, 1861.	313	53
. 9	Thursday	Great fire of Boston, 1872.	314	52
10	Friday	Martin Luther born, 1483.	315	51
II	Saturday	Martinmas. Mayflower Compact, 1620.	316	50
12	SUNDAY	21st S. a. Trin. Elizabeth Cady Stanton	317	49
13	Monday	Edwin Booth born, 1833. born, 1815.	318	48
14	Tuesday	Samuel Seabury, first Amer. Bishop, 1794.	319	47
15	Wednesday	Domesday Book compiled, 1086.	320	46
16	Thursday	Battle of Fort Washington, 1776.	321	45
17	Friday	Chester Alan Arthur died, 1886.	322	44
18	Saturday	Sir W. Siemens, electrician, died, 1883.	323	43
19	SUNDAY	22nd S. a. Trin. James Abram Garfield	324	42
20	Monday	Sir Wilfrid Laurier born, 1841. [b. 1831.		41
21	Tuesday	Henry Purcell, musician, died, 1695.	326	40
22	Wednesday	R. C. La Salle, French explorer, b. 1643.		39
23	Thursday	Franklin Pierce born, 1804.	328	38
24	Friday	Battle above the Clouds, 1863.	329	37
25	Saturday	THANKSGIVING DAY.	330	36
26	SUNDAY	23rd S. a. Trin. Oliver Walcott b. 1726		35
27	Monday	Earliest day that Advent Sunday can fall	332	34
28	Tuesday	W. Irving died, 1859.	333	33
29	Wednesday	Battle of Knoxville, Tennessee, 1863.	334	32
30	Thursday	St. Andrew. Samuel L. Clemens b. 1835	335	31
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PHASES OF THE MOON FOR NOVEMBER

			STANDARD TIME.							
Moon's Phases.		Alaskan.	Pacific.	Mountain.	Central.	Eastern.				
) First Quarter O Full Moon E Last Quarter	2 9 17 24	H, M. 8 51 11 18 x x 11 50	9 51 0 18 3 1 0 50*	н. м. 10 51 1 18 3 1 1 50°	II. M. 11 51 2 18 4 1 2 50*	0 51 3 18 5 1	II. M. 1 51 4 18 6 1 4 50			

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1 44	esten Month	. DECEMBER, 1910.	יע וע	Lys.
	Day of Week.	Fixed and Movable Feasts and Anniversaries	Day of Year.	Days to End of
	week.			Year.
1 2	Friday Saturday	Queen Alexandra born, 1844. [1859. Bat. of Austerlitz, 1805. J.Brown hanged,	336 337	30
3 4 5 6 7 8	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	1st S. in Rovent. R. L. Stevenson d. 1894. Alexander Dumas, père, died, 1870. M. van Buren born, 1782. St. Nicolas. Anthony Trollope d. 1882. Marshal Ney shot, 1815. Immaculate Conception. Eli Whitney b. John Milton born, 1668.	338 339 340 341 342 343 344	28 27 26 25 24 23 22
10 11 12 13 14 15 16	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	2nd S. in Rovent. Ty. of Peace with Spain, John Gay, poet, died, 1732. [1898. Robert Browning died, 1889. Battle of Fredericksburg, 1862. George Washington died, 1799. Izaak Walton died, 1683. [1835. Boston Tea Party, 1773. New York fire,	345 346 347 348 349 350 351	21 20 19 18 17 16
17 18 19 20 21 22 23	SUNDAY Monday Tuesday Wednesday Thursday Friday Saturday	3to S. in Movent. J. G. Whittier b. 1807. 13th Amendm't abolished Slavery, 1862. Capt. J. Smith sailed for Virginia, 1662. Washington, D.C., founded, 1790. St. Thomas. Pilgrims landed at Plymouth J. E. Oglethorpe b. 1696. [Rock, 1620. Washington resigned his commiss. 1783.	35 ² 353 354 355 356 357 358	14 13 12 11 10 9
24 25 26 27 28 29 30	Monday Tuesday Wednesday Thursday Friday Saturday	4th Sun. in Ridvent. Thackeray d. 1863. Christmas Day. William I. crown'd, 1066. St. Stephen. St. John the Evangelist. [1856. Holy Innocents. Woodrow Wilson b. Andrew Johnson born, 1808. [1865. Gadsden Purchase, 1853. R. Kipling b.	359 360 361 362 363 364 365	7 6 5 4 3 2
31	SUNDAY	1st Sunday after Christmas. St. Silvester.	366	0

Twelfth Month. DECEMBER, 1916. 31 Days.

PHASES OF THE MOON FOR DECEMBER.

		STANDARD TIME.							
Moon's Phases.	Day.	Alaskan.	Pacific.	Mountain.	Central.	Eastern.	Inter- *Colonial.		
> First Quarter	1 9 17 24	H. M. 4 56 3 44 9 6 11 31	B. W. 5 56 4 44 10 6 0 31	и. м. 6 56 5 44 п 6 1 31	11. M. 7 56 6 44 0 6 2 31	N. M. 8 56 7 44 1 6 3 31	H. M. 9 56 8 44 2 6 4 31 8 7		

	N	abama. ni, S. Fexas, ower	Moon	nlees. h. m. 3 4	4 16 20 20 20 20 20 20 20 20 20 20 20 20 20	10 25 11 24 11 24 10 21 2 18 2 16 3 12	7 0 55 4 5 0 7 5 4 5 0 7 5 5 4 5 0 7 5 5 4 5 0 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 48 9 44 10.43 11 45 morn. 0 50 1 59	4 12
1916.	Lat. 30* 1	N. Florida, S. Alakama, S. Missistippi, S. Louisiana, S. Texas, N. Mexico, Lower California.	Ban	sets. b. m.	S S H S S S S S S S S S S S S S S S S S	N N H H H H H H H	40 N N # 8 8 4 8 8 8 # 8 60 4 10 10 0	33 43 43 43 48 43 33 43 43 43 48 43	35 35 35 35 35 35 35 35 35 35 35 35 35 3
	ĺ	N.Plor S. X Louis N. 3	50	nises. 6 57	50.50 SS	A A A A A A A A A A A A A A A A A A A	6 58 58 88 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5,500	6 53
January,	N.	issee, S. Carolina, Georgia, Jian, Massesippi, New N. Louisiana, Texas, S. New Mexico, S. Arizona.	Moon	h. m. 3 rz	4 7 8 8 7 7 8 0	10 25 11 25 10 20 1 24 2 23 3 22 3	4 16 8 8 8 16 16 16 16 16 16 16 16 16 16 16 16 16	20 00 morn, 20 00 00 00 00 00 00 00 00 00 00 00 00	3 16 4 22
Jan	Lat. 33°	olina, G n., Mis isians, w Mex	Son	sets.	00-1 OVOL-101 00 .	80 00 H H E 4	8 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# # # # # # # # # # # # # # # # # # #	5 28 29 28
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Explanation and Use of the Tables of Sun's Southing, Rising, and Setting and Moon's Rising and Setting.

These tables give the local times of the Sun and Moore's rising and setting at intervals of s^2 is strictly for the central meridian of s^2 for seven parallels of latitude from s^2 N. Incess comprise practically the whole of the United States and the more southern pro-time of the States. The zone times of transits for the Whole strictles of the States. The zone times of transits for the whole strictles of the States. The zone times of transits for the control of the States.

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City.	Lat. N	Long. Correc- tion.	Standard Time.	City.	Lat. N.	Long. Correc- tion.	Standard Time.
	0 /	m.			.0 (m,	
Albany, N.Y	42 39	- 5	Eastern	Jackson, Miss	32 18	+ 1	Central
Albany, N.Y	40 28	+ 20	Eastern	Jacksonville, Fla	30 20	- 33	Central Central
Amherst, Mass	43 33	- 10	Central	Janesville, Wis	42 42	+ 4	Central
Ann Arbor, Mich	43 17	- 25 + 6	Eastern	Jefferson Otty, Mo Kansas City, Mo	38 30	+ 18	Central
Astoria, Ore.	38 59 46 11	+ 6 + x5	Pacific *	Keokuk, Iowa	39 5		Central
Austin, Texas	30 15	+ 31	Central	Key West, Fla		- 33	Central
Baltimore, Md		+ 6	Eastern	La Crosse, Wis	43 50	+ 5	Central
Baton Rouge, La		+ 4	Central	La Crosse, Wis Lawrance, Kan	38 58	+ 21	Central
Bermuda	38 10	+ 19	Intercol.	Lexington, Ky	38 3	- 23	Central
Birmingham, Ala	33 30	- x3	Central	Lincoln, Neb	40 50	+ 27	Central Central
Bismarck, N. Dak	46 48	+ 43	Central	Little Rock, Ark		+ 9	Central
Boston, Mass	42 2X	- 16	Eastern Eastern	Louisville, Ky	38 15	+ 17	Eastern
Burlington, Iowa	42 55	+ 16	Central	Lynchburg, Va Madison, Wis	37 25 43 4	T 17	Central
Cairo, Ill.	36 58	+ 5	Central	Memphis, Tenu	35 9		Central
Cambridge, Mass	42 23	- 15	Eastern	Milwaukee, Wis	43 2	- 8	Central
Cape Cod, Mass	43 2	- 20	Eastern	Minneapolis, Minn	44 58	+ 13	Central
C. Hatteras, N.C		+ 2	Eastern	Mobile, Ala	30 42	- 8	Central
C. Henry, Va.	36 55	+ 4	Eastern	Montgomery, Ala	32 24	- 15	Central Eastern
C. May, N.J	38 56	0	Eastern	Montreal, Que	45 30	- 6	Central
Carberry, Manitoba . Charleston, S.C		24	Mountain Eastern	Nashville, Tenn New Haven, Coun		- x3	Eastern
Charlottetown, P.E.Id		+ 20	Intercol.	New Orleans, La		- 0	Central
Chattanowga, Tenn		+ I2 - IQ	Central	Newport News, Va	36 59	+ 6	Eastern
Chicago, Ill	35 4 41 50	- 10	Central	New York, N.Y.	40 45	- 4	Eastern
Cincinnati, Ohio	· 30 8	- 32	Central			+ 5	Eastern
Cleveland, Ohio		- 33	Central	Northfield, Minu	44 28	+ 13	Central
Clinton, N.Y.		+ 2	Eastern	Ogden, Utah	41 13	+ 28	Mountain Eastern
Columbia, S.C		+ 24	Eastern Central	Ogdensburg, N.Y		+ 24	Central
Davenport, Iowa		- 28 + 3	Central	Omaha, Neb	45 24	+ 3	Eastern
Dayton, Ohio	41 31 39 46	+ 3	Central	Pensacola, Fla.	30 az	- 11	Central
Denver, Col	39 4E	- 43	Mountain	Philadelphia, Pa		+ x	Eastern
Des Moines, Iowa	4x 35	+ 14	Central	Pittsburg, Penn	40 88	+ 20	Eastern
Detroit, Mich	42 20	- 28	Central	Portland, Me	43 39	- 19	Eastern
. Dubuque, Iowa		+ 3	Central	Princeton, N.J	. 40 ar	- 1	Eastern
· Duluth, Mina,		+ . 9	Central	Providence, R.I.	41 49	- 14 - 15	Eastern
Esquimalt, B.C.	48 9	- 39 + 14	Central Pacific	Quebec, Que	. 46 48	- ×5	Central
Evansvillo, Ind		- XO	Central	Raleigh, N.C.	. 34 48	+ 14	Eastern
. Father Point, Que	37 58	- 26	Eastern			+ 10	Eastern
· Fernandina, Fla	20 40	- 34	Central	Rochester, N.Y.	. 43 9	+ 10	Eastern
Fort Gibson, Cher. N.	35 49	+ 21	Central	Rock Island, Ill	41 29	+ 3	Central
Fort Smith, Ark	. 35 33	+ x8	Central			- 11	Pacific
Fort Wayne, Ind	- 4x 6	- 20		Sandy Hook, N.J	. 40 28	- 4	Pacific Pacific
Galena, Ill,	. 42 25	+ 2		San Francisco, Cal Santa Fé, N. Mex	37 47	+ 10	
Grand Haven, Mich.		+ 15		Sault Ste Marie, Out.	35 45 46 30	T 4	
Grand Rapids, Mich.		- 17	Central	Savanuah, Ga			Central
Halifax, N.S.	. 44 40			Scattle, Wash	47 36	+ 9	
	42 15	+ 19	Eastern			+ 15	Central
Hanover, N. H Harrisburg, Penn	- 43.44			Springfield, Ill.	. 39 48	- x	
Harrisburg, Penn	40 15	1 + 2	Eastern	3 St. John, N.B	. 45 18		
Houston, Texas	29 48			St. John's, Newf	47 34	- 25 + x0	
Hautsville, Ala Indianapolis, Ind	. 34 45			St. Joseph, Mo St. Louis, Mo	39 45	+ "	Central
[, ziici,	39 45		- Contini		30 30		

						0,
City.	Lat. N. Long.	Standard	City.	Lat. N.	Long. Correc- tion.	Standard Time.
8t. Paul, Minn. Superfor City, Wis. Syracuse, N.Y. Toledo, Ohio. Toronto, Ont. Trenton, N.J. Utica, N.Y. Vancouver, B.C.	45 44 + 8 43 4 + 5 41 40 - 36 43 40 + 18 40 13 - 1 43 7 + 1	Central Central	Washington, D.C. West Point, N.Y. Wheeling W. Va. Williamstown, Mass. Wilmington, Del. Wilmington, N.C. Winnipeg, Manl. Yanktown, S. Dak.	41 23 40 5 42 42 39 45 34 15 49 50	- 4 + 23 - 7 + 24 + 28	Rastern Bastern Bastern Bastern Bastern Bastern Central Central

These corrections also serve to find the zone times for the Sum or Moon's rising and setting. For these it is essential to select, by aid of the lattited wines, the parallel of attitudes neares. In the selection of the selectio

latitude between that of the city exicted and the nearest latitude column for which the times the nearest latitude column for which the times is a further small correction of alond, on, for each hour of longuidae, so that for cities in the eastern zone the time should be on, earlier than later. In the case of the Moon the time of vising and setting only is given, or the phase which cours between sumed and sunrive.

Tide Tables.

The tide tables and the table of corrections for other ports have been compiled from the official tables issued by the U.S. Coast Survey and the Canadian Tidal Survey Office. In the admittable issued that the control of the control

	Port.	Time Correc- tion.	Reference Port.	Port.	Time Correc- tion.	Reference Port.
П	Club of Canas N. C.	h. m.	Halifax	Mt. Desert Narrows, Me.	h. m.	Thurston
	Gut of Canso, N.S		пашах	Southwest Hr., Me	- 0 29	Boston
	Canso Harbour, N.S	- 0 11			- 0 4z	22 "
	Island Harbour, N.S	- 0 16		Bass Harbour, Me	- 0 37	9.5
	Jeddore Harbour, N.S	-06	22	Oceanville, Me	- 0 38	
	Port Medway, N.S			Bangor, Me	- 0 17	
	Lockeport, N.S.		. 13	Gloucester, Mass	- 0 15	
1	Negro Harbour, N.S	+ o 31	12	Salem, Mass	- 0 IZ	
1	Cape Sable I.t., N.S	+ 1 17		Nahant, Mass	- 0 13	
п	East Sandy Cove, N.S	- 0 48	St. John, N.B.	Boston Light, Mass	- 0 IO	3+
	Weymouth, N.S			Plymouth, Mass	-08	21
Ш	Black Rock, N.S	+ 0 3		Wellfleet, C. Cod., Mass.	- 0 I2	
и	Spicer's Cove, N.S	+ 0 13		Provincetown, Mass. '	-09	
11	Sackville, N.B	+ 0 30	,,	Block Id., Rhode Id		Sandy Hook
	Grindstone Isd., N.B	+ 0 21	22	Stonington, Conn	+ 1 17	
и	St. Andrew's, N.B	+ 0 8		New London, Conn	+ I 44	
1	Dufferin, N.B	- 0 34	22	Norwich, Conn	+ 2 25	
1	Machias Seal Isd., N.B.	-08	22	Middletoun, Conn	+ 5 40	-1
	Eastport, Me			Hartford, Conn	+ 7 26	.,
	West Quoddy Hd., Me	- I 6		Duck Island, Conn	+ 3 3	
1	Machiasport, Me	- 1 2		New Haven, Conn	+ 2 27	
		-00	Portland	Stamford, Conn	+ 2 98	
		+ 1 3		City Island, N.Y	+ 3 31	
	Gardiner, Me	+ 3 43		College Point, N.Y		
	Augusta, Me			Flushing, N.Y.		
	Portsmouth, N.H	+ 0 21		Port Cove, Astoria, N.Y.	4 3 28	
п	Fortsmouth, N.H.		22	Pore Cove, Astoria, N. 7.		1)
	Isles of Shoals Lt., N.H.	+09	37	Blackwells Id. Lt., N.Y.	+ 2 37	
	Newburyport, N.H	+ 0 31		East 4xst St., N.Y. City	+ 2 2	**
		- 0 45	Boston	East 27th St., N.Y. City	+ I 52	

Port.	Time Correc- tion.	Reference Port.	Port.	Time Correc- tion.	Reference Port.
Brooklyn Bridge, N.Y., East ruch St., N.Y. City ligh Bridge, N.Y., Light Bridge, N.Y., Light Bridge, N.Y., Light Bridge, N.Y., Willetts Foint, Long Id., GenorMosquito C, Lid. Oyster Bay, Long Id., Sag Harbour, I. Id., Fire Id. Inlet, I. Id., Sag Mary City, Albany, N.Y., Albany, N.Y., Albany, N.Y., Alband, N.Y., Alband, N.J., Allandie City, N.J., Cage May City, N.J., Cage May City, N.J., Philadelphia, Pa., Prenton, N.J.,	h. m. + 0 56 + 2 47 + 2 57 + 1 32 + 3 32 + 3 32 + 3 27 + 2 49 + 0 37 - 0 18 0 0 0 + 0 19 - 0 14 + 0 59 - 0 14 + 0 59 + 5 59 + 5 59	Sandy Hook strong	Rehobeth, Del. Ocean City, Md. Cape Charles, Ya. Cape Charles, Ya. Cambridge, Md. Ochord Tred Avone, Md. Alexandra, Va. Alexandra, Va. Alexandra, Va. Alexandra, Va. Richmond, Va. Richmond, Va. Richmond, Va. Reautort, N.C. Beautort, N.C. Savannah Rutt, S.C.	h, m. + 0 30 + 0 10 - 0 40 + 4 2 - 3 9 - 3 34 + 4 16 + 1 24 + 0 27 + 0 20 + 8 58 - 1 10 - 1 51 - 1 10 - 1 48 + 1 24 + 0 34 + 0 34 - 1 41	Sandy Hook Old Pt. Com Baltimore Old Pt. Com Baltimore Old Pt. Com "" "" Charleston "" "" "" "" "" "" "" "" "" "" "" "" ""

Eclipses, 1916 (Eastern Standard Time).

In the year 1916 there will be three eclipses of the Sun and two of the Moon

the Sun and two of the Moon.

I. A partial eclipse of the Moon on 20 Jan., visible generally throughout the United States. The beginning occurs at 2^h 55^m a.m., and the eclipse ends at 4^h 42^m a.m.

eclipse ends at 4^h 24^m 2.m.

II. A total eclipse of the Sun on 3 Feb., visible in the United States as a partial eclipse. At Washington the eclipse begins about 10^h 12^m 2.m. a.m.

and ends about oh 28m p.m.

visible generally in the United States. The collipse begins at rob 19m p.m., and ends at rob 13m a.m.

IV. An annular eclipse of the Sun on 29 July, invisible throughout the United States, but risible throughout the East Indies and Australia.

V. A partial eclipse of the Sun on 24 Dec., invisible throughout the United States, and visible only in high southern latitudes of the Indian Ocean.

Comets. In addition to the planets, there are other

interesting objects belonging to the solar system, called comets. Some of these revolve in oillytical orbits, and their periodic times range from 3½ years to more than 100,000 years. Others move in parabolic courses and do not repeat their visits to the Sun.

twoly limited periods are no minureous, he our knowledge of them is constantly becomin comprehensive and accurate. The "gian pinet" has an abundant tamily of comets nor or less under his every the outer part of their considerably industries and the considerably industried by his stoog attactive power. These small periodical comets revolv account for the in periods from \$25 to year and deserve special notice, as their orbits at well known and predictions of their re-appears well known and predictions of their re-appears.

The majority of these short-period comets extend their flights to a little distance outside the orbit of Junitar, and approach the Sun to shout the average distance of Mars. It appears that introduced by means of planetary perturbations (quipter being mainly responsible), there are others which meet with disturbances sufficicuty powerful to endanger, and sometimes comet has not returned curring the last co years, into a stream of November shooting stars. Borrens of the stream of the stream of the dovint family of comets, and may have been size persent to the same manner as by lay to be designed to the same manner as by the stream of the stre

	reach	perihelion :			
		Expected Return.	Period in Years.	Name of Comet a Year of Discover	nd.
	1915.	March	5'25	Tempel Pons-Winnecke	1873
		July	8'53	Swift	188
	1916.	March		Swift	
		May June	6.53	Perrine	
		June	8'68	Denning	188
		July October	6'64	Spitaler	
	1917.		5'398	Barnard D'Arrest	
3		June	5'456	Brorsen	184
٠					

Meteors.

Another class of objects which belong to the but which represent one and the same class of objects, the distinction being only one of size. November Meteors, called Leonids, in the years 1799, 1833, 1866, 1867, 1868, and less striking exhibitions of the same objects in 1901 and 1903. show itself prominently until the years 1933 to appears to be identical with, and its material actually derived from, a periodical comet, which was discovered by Tempel in December, 1865. In the present year very few of these Leonid

1 2 1	Radiant	
/ Epoch.	R.A. Dec.	Name of Shows
	D.M. Jack	
	0 0	Quadrantids.
January 2-4	230+53	Cancrids
January 25-29	131+32 263+36	b Herculids.
February 20 March 1-4	166+4	7 Leonids.
March 13-24	161+48	B Ursids.
march 13-14	208-10	a Virginids.
April 12-24 April 20-22		Lyrids.
	271+33 338- 2	y Aquarids.
May 1-6 May, June, July	253-21	a Scorpiids.
	253-21	Coronids.
May 18-26	312+61	δ Cepheids.
June-Aug		
June-Sept	303+24	n Sagittids.
July 8-13	316+31	
July 15-28	304-12 280+57	b Dracopids.
July-Aug		a-B Perseids.
July 4-Aug. 4	47+43	8 Aquarids.
July 25-30	339-11	Perseids.
August 10-13	45+57	k Cygnids.
August 5-16	292 + 53	o Draconids.
August 15-25	291+60	a Lyrids.
August 16	280 ± 44	e Perseids.
Aug. 21-Sep. 21	62+37	Lyncids.
August 29	106+52	o Orionida.
Sept. 27	75+15	e Arietids.
October 11-24 .	40+20	Orionids.
October 17-24 .	92+15	
October 23	100+13	& Geminids,
Nov. 5	6x+35	e Perseids.
Nov. 13-15	150+23	Leonids.
Nov. 14-25	64+22	e Taurids.
Nov. 17-23	25+43	Andromedids.
Nov. 30-Dec. 9	162+58	B Ursids.
Dec. 1-14	108+33	Geminids.
Dec. 21-25	166+33	& Ursids.

THE DEDOUTED

TWELVE O'CLOCK NOON NEW YORK MEAN (EASTERN) TIME.

COMPARED WITH THE CLOCK IN THE FOLLOWING PLACES

E. W.	F. M.	H. M.	1 11. 11.
Adelaide B TO A.M.	Constantinoplé 6 52 P.M.	Madrid 4 42 P.	g. Prague 5 54 F.M.
Amsterdam g 16 P.M.	Dublin 4 31 P.M.	Malta 5 54 P.	g. Quebec 0 11 P.M.
Auckland (N.Z.) 4 45 A.M.	Edinburgh 4 43 P.M.	Melbourne, Aus 2 56 A.	g. Rome 5 46 P.M.
Berlin 5 50 F.M.	Florence 5 41 F.M.	Moscow 7 26 2.	s. Rotterdam 5 14 P.M.
Вегле 5 26 г.м.	Glasgow 4 39 F.M.	Munich 5 48 P.	v. San Francisco, Port 8 48 a.M.
Romlay 9 47 P.M.	Greenwich 4 55 P.M.	Paris 5 5 P.	g. St. John's, Newfid. o 25 P.M.
Boston, Mass 12 12 P. M.	The Hague 5 15 P.M.	Pekin 0 52 A.	к. Stockholm 6 8 г.м.
Brisbane, Qusland. 3 8 s.m.	Hobart, Tasmania 2 45 A.M.	Pennance 4 33 r.	и. Suez 7 6 г.м.
Brussels 5 13 P.M.	Jerusalem 7 17 P.M.	Perth, W. Aus o 59 A.	s. Sydney 3 IA.N.
Cairo 7 1 F.H.	Lisbon 4 29 P.M.	Petrograd 6 57 F.	g. Toronto 11 38 A. V.
Calcutta 10 49 P.H.	London Eng 4 50 P.M.	Philadelphia II 55 A.	s. Vancouver 8 34 A.M.
Cape Town 6 10 P.M.	Madras	Pert Moresby 3 0 A.	M. Vienna 6 I F.M.

"Rattinu" time includes: New York, Boston, Philadelphis, Baltimore, Washington, Richmond, Norfoll Charleston, Buthiso, Pittledurgh, Cherchand, Montreal, Quebec, Ottawa Torento, etc.
"Occurate," which is one beer allower than Bastern time investodes Chicase, SI Lonie, Minnespelle, St. Pau

"Mouvering," which is two hours slower than Eastern time, includes: Denver, Leadville, Colorado, Springs Helena, Regina (N. W. T.), etc. "Reverse," which is three hours slower than Eastern time, includes; San Francisco, Portland (Oregon), Victoris

42 READY REFERENCE CALENDAR FOR 200 YEARS.

For ascertaining Any Day of the Week for any given time within Two Hunared

		Years	from	the.	intr	oduc	tion o	f th	e d	Vew Si	tyle	, 1	752	,† 8	0 1		27	iclu	siv	e.		
		CON	MOM	YE	ARS	, 1753	TO 19	şī.			Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1761 1801	1767		1789 1829	1795 1835	184	6 18				85 1891 31 1942	4	7	7	3	5	1	3	6	2	4	7	2
1762 1802	1771		1790 1830	1841	184	7 18				86 1597 87 1943	5	1	1	4	6	2	4	7	3	5	1	3
1757 1803	176		1785 1881	1791 1842	188	18				87 1898 38 1949	6	2	2	5	7	8	5	1	4	в	2	4
			1782 1833	1793 1839	179 183 190					99 1895 35 1945	2	5	5	1	8	6	1	4	7	2	5	
1755 1806	176		1783 1834	1794 1845	180 184 196	118		187	9 18	90	3	6	6	2	4	7	2	5	1	3	6	3
1758 1809	176		1786 1837	1797 1843	18:	54 18 05 19	65 187: 11 192:	188	2 18	93 1899 39 1950	7	3	3	6	1	4	6	2	5	7	3	610
1753 1810	175 182		1781 1838	1787 1849	171					894 1900 934 1945 1951	1	4	4	7	2	5	7	3	6	1	4	
LEAP YEARS, 1756 TO 1952.												29										
176	54	1792	1804	T X	832	x860	x888	1		1928	7	3	4	7	2	5	7	3	6	1	4	Ī
176	58	1796	x808	2	B36	x864	1892	x	04	1932	5	I	2	5	7	3	5	I	4	6	2	
×72	72	.1.	1812	1	B40	x868	1896	z,	908	1936	3	6	7	3	5	x	3	6	2	4	7	
177	/6*	40.	1816	×	B44	1872		2	912	1940	x	4	5	x	3	6	1,	4	7	3	5	
176	Во		1820		B48	1876		X.	916	1944	6	2	3	6	z	4	6	2	5	7	3	
17	56	1784	1824	-	852	1880		I.	920	1948	4	7	X	4	6	2	4	7	3	5	x	
17	60	1788	1828	1 1	856	1884	1 :-	X,	924	1952	2	5	6	2	4	7	2	5	I	3	6	
N	OTH.	-To s	scerta	in			2	_		3		4			5			6			7	
first for and are to figu the belo To of t table in a July dire whi	the und figurent the res colow. o know the yele of a party, in sects ich	of the interpretation of the correction of the c	he tak require require mont ich rei spondi head of ds zzomp what d uly 4 f 76, in t look ! ear), a ne, and z, whi olt z, be se	ole d, hs der ing of syste: ay ell he for ind ler in sen	Frids Satur Stand Mono Tues Wed: Thur Frids Satur Strad Mono Tues Wed Thur Frid Batu Strad Mono Tues Wed Thur Frid Satur Thur Frid Satur Thur Frid Satur	lay seed. 3 seday	Monda Tuesda Wedne Thursd Sntard Smda Monda Tuesda Wedne Thursd Friday Saturd Smda 1 Monda Tuesda 1 Monda 2 Tuesda 2 Tuesda 2 Tuesda 3 Wedne 3 Vedne 3 Vedne 3 Vedne 4 Vedne 5 Vedne 5 Vedne 6 Vedne 6 Vedne 7 Thursda 7 Thursda 8 Vedne 8 Ved	ad. 2 ay 3 ay 4 ay 5 ay 5 ay 5 ay 10	Thu Frie Satt Sun	urday 4 aday 5 nday 6 nday 6 seday 7 day 6 day 10 urday 11 seday 11 seday 12 urday 12 urday 13 seday 13 uraday 14 seday 10 urday 12 uraday 12 uraday 12 uraday 12 uraday 12 uraday 12 uraday 13 uraday 13 uraday 13 uraday 13 uraday 13 uraday 13 uraday 23 uraday 24 urad	Fri Satt Sun Moo Tuo We The Fri Satt Sun Moo Fri Satt Sun Moo Satt Sun	ursd: day urdi day urdi day nday nday nday edde ursd iday edde urda edde urda ursd iday turdi urdi urda ursd iday turdi iday	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Moo Two	urde sday nday sday day urde sday nday sday urde sday urde sday urde ursd day urde ursd day urde ursd day urde ursd day sday urde ursd day sday urde ursd day sday urde ursd day sday urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day urde ursd day ursd ur	y 2 3 3 7 4 6 7 7 8 8 8 8 8 9 8 9 8 8 8 9 9 8 8 8 9 9 8 8 8 9 9 8 8 8 9 9 8 8 9 9 8 8 9 9 9 8 8 9 9 9 8 8 9 9 9 9 8 8 9	Mo Tue We The Fri Sat Sur We Tue Sat Sur Tue Sur	ards aday nday ards ared aga ards aday aday aday aday aday aday aday ad	3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Mortue We Thu Frii Sat San We Thu Frii Sat We Thu Frii Sat We Thu Frii Sat San Mortue	eines arsdis day urds aday niay saday day urds saday esday esday esday esday esday esday arad	d.y y rd.y
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		STATOM CUTTODAY (T)	2. 5075 and part 0	1 4.31, 5070.)
A.M. 5675, A. Tishri I S	A.D. 1915	Rosh Hasanhah (New Year).	A.M. 5675, A.D. I Nisan zi April	915. 24 Festival of Passover, 7th day.
	eps. 9	wosu nasannan (ven rear)		24 Festivator Passover, 7th day.
- >> 4		Fast of Guedaliah.	Yiar z May	4 New Moon,
,, 10	,, 18	Yom Kippur (Day of Atone-	Sivan z June	a New Moon.
		ment).	6	7 Festival of Weeks.
22 75	11 - 23	Feast of Tabernacles.	Tamuz z July	a New Moon.
		Hosana Rabah.		18 Fast. Taking of Jerusalem.
			127 27 27	
.15- 22	is 30	Feast of the 8th day.	Ab x n	3r New Moon.
1) 23 0		Rejoicing of the Law	., Q Aug.	8 Fast. Destruction of the
Hesyan z	12 9	New Moon.		Temple,
Kislev x N	lov. 8	New Moon	Elul t n	30 New Moon.
,, 25 D		Dedication of the Temple.	A.N. 5677.	30 3.0.1 320033
Tebet I		New Moon.	Tishri z Sept.	a mark Washanak (Wassattanak
				28 Rosh Hashanah (New Year).
72, 10		Fast, Siege of Jerusalem.	. ,, 4 Oct.	z Fast of Guedaliah.
	. rgr6.		32 · IO 31	7 Yom Kippur (Day of Atone-
Sebat r J:	an. 6	New Moon.		- ment).
Adar x F	eb. s	New Moon.	ii 15 n	xx Feast of Tabernacles.
Veadar z A		New Moon.		18 Hosana Rabah.
		Fast of Esther.		re Feast of the 8th Day,
			11 22 11	
		Purim.	1, 23 11	20 Rejoicing of the Law.
		Shusan,	Hesvan I	28 New Mooh.
Nisan z A		New Moon.	Kislev z Nov.	26 New Moon.
-22 15	,, 18	Festival of Passover.	, 25 Dec.	zo Dedication of the Temple.
				26 New Moen.

MUHAMMADAN CALENDAR. (1334rd Year of Hejira, A.B. 1915-1916.)

I car or menta.			Year of Heiira.			legior Helits.		
¥334-	A.D. IGIS.		T224	. A D TOTA		2334- · · · ·	A.D. Igiō.	
Muharram	November	^	Towns do F			Dulkaada	August	31
Saphar		9	Joniada I	March	0	Dulheggia		2
capitat								
			Rajab	ЗНау .	4	I335.		
	. A.D. 1916.		Shaaban	June	6	Muharram	October .	25
Rabia I						Saphar		
Rabia II.						Rabia I		
REDIE 11	rentmery	0	OHERWEIL	August	-	128012 1	December	23

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A TABLE OF EASTER DAYS AND SUNDAY LETTERS.

FOR THE YEARS 1500-2000.

										_
			15001599	16001699	1700-1799	1800—1899	1900-2000.			
a	Mor	22	1578	1668	1761	1818		d	Mar.	22
	22		7505 TO	11600	1788	1845-56	1913	le.		
f		04		1611.05	1706-99		1940	멦		24
0		OF	3E 40 E 4	1897-38-40	1799_33.44	1883-94		120	33	25
Å	22	26	1559-70-81-92	1654-65-76	1749-58-69-80	1815-26-37	1987-78-89	A	- 11	26
b	Mar.	27	1502-13-24-97	1608-87-92	1785-96	1842-53-64	1910-21-82	ъ	Mar.	27
0	**		1529-35-40	1619-24-30	1703-14-25	1869-75-80	1937-48	6		28
d	22	29	1551-62	1685-46-57	1719-30-41-52*	1807-12-91	1959-64-70	d	22	
0	22		1567-78-89	1651-62-73-84	1746-55-66-77	1823-34	1902-75-86-97	0	22	30
f	33	31	1510-21-32-83-94	1605-16-78-89	1700-71-82-93	1839-50-61-72	1907-18-29-91	1		31
_	Amadi	7	1526-37-48	1891.32	1711-16	1804-66-77-88	1998-34-45-56	1ge	April	1
g			1553-64	1840 48	1797.38.594	1800-20-03-00	1961-72	IA		2
h	37		1575-80-86	1850.70.51	1743,63,68,74	1825-31-36	1904-88-88-94		,	8
U	31	0	1507-18-91	1000 19 75 96 07	1708 70 00	1847-58	1015-20-26-00	10	**	4
0	27	9.	1523-34-45-56	1607-19-90-40	1709-18-94-95	1801.63-74.85.96	1931.49.53	10	"	5
u	>>									
6	April	6	1589-50-61-72	1634-45-56	1729-35-40-60	1806-17-28-90	1947-58-69-80	e	April	1 6
£	11	7	1594-77-88	1667-72	1751-65-76	1822-33-44	1901-12-85-96	£	22	7
g	22	8	1509-15-20-99	.1604-10-83-94	1705-87-92-98	1849-55-60	11917-28	. 2	37	8
Ã	. 33	- 6	11531.49	1815,98,27,00	1710-21-32		1939-44-50	W.	. 22	9
b	17	10	1547-58-69	1631-42-53-64	1726-37-48-57	1803-14-87-98	1955-66-77	b	1)	10
0	April		1501-12-63-74-85-96	1658-69-80		1819-30-41-52	1909-71-82-93			
Ď.			1506-17-28	1601-12-91-96	1789	1846-57-68	1903-14-25-36-95			12
e	23	13	1533-44	1623-28	1707-18	1800-73-79-84	1941-52		22	
ı f	22	14	1555-60-66	1689-50-61	1723-34-45-54	1805-11-16-95	1963-68-74	. f	27	14
g	"	15	1571-82-93	1655-66-77-88	1750-59-70-81	1827-38	1900-06-79-90	g		15
A	April	16	1503-14-25-36-87-98	1609-20-82-93	1704-75-86-97	1843-54-65-76	1911-22-33-95	.\A	April	
b	12		1530 41-52	1625-36	1715-20	1808-70-81-92	. 1927-38-49-60	. b		
C	"		1557-68	11647-52	1781-42-56	1802-13-24-97	11954-65-76		>>	
d	11	19	1500-79-84-90	1663-74-85	1747-67-72-78		1908-81-87-92			19
0	22	20	1511-22-95	1607-17-79-90	1701-12-83-94	1851-62	1919-24-30	· e	37	20
f	April	21	1527-38-49	1622-33-44	1717-28	1867-78-89	1935-46-57	. 'f	Apri	
8		23	1565-76	1660	1739-53-64	1810-21-32	. 1962-73-84	. 8	,,,	22
A		23	1508			1848	. 1905-16-2000	. 1	١,,	23
b	8	9.4	1670	1803.14.08		1859				24
0	ww 22	25	1546	1641	1736	1856	. 1943	- 0	- 22	25

Previous to 1752 the above dates are computed from the Old Style. Dates here printed in heavier type are leap-years. 1752 had E D up to September 2, but A from September 14 to Dec-

THE ENGLISH	MILE	COM	PARED	WIT	H OTH	ER E	UROP	EAN	MEAS	URES.	
	English Mile.	English Geog. M.	French Kilom,	Geog. М.	Russian Verst.	Austrian Mile.	Dutch Ure.	Norweg.	Swedish Mile.	Dunish Mile.	Swiss Stunde.
English Statute Mile English Geog. Mile. Kitlometer German Geog. Mile Russian Verst Austrian Mile Dutch Ure Norwegian Mile Swedish Mile Danish Mile. Swies Stunde.	1'153 0'621 4'610 0'663 4'714 3'458 7'021 6'664 4'682	0'540 4'000 0'575 4'089 3'000 6'091 5'764 4'062	7'420 1'067 7'586 5'565	0'250 0'135 1'000 0'144 1'022 0'750 1'523 1'441 1'016	1738 0'937 6'953 1'000 7'112 5'215 10'589 10'019 7'078	0'245 0'132 0'978 0'141 1'000 0'734 1'489 1'409	0'289 0'333 0'180 1'333 0'192 1.363 1'000 2'035 1'921 1'354 0'864	0'164 0'880 0'675 0'094 0.672 1'493 1'000 0'948 0'067	0'169 0'094 0'094 0'100 0'710 0'520 1'057 1'000	0'246 0'133 0'985 0'142 1'006 0'738 1'499 1'419	0-386 0-208 1-543 0-222 1-578 1-157 2-224 1-567

Telescopic Powers Suitable for Observing Celestial Objects:

Orion and Andromeda, require very low powers and extensive fields of view, so that the whole of the objects may be viewed, and their light sufficiently concentrated to display the fainter portions. To examine critically the structure nebula, powers of 150 or 200 may be used. The cluster in Hercules (Messier 13) is splendidly resolved with 100 on a 10-in. reflector.

Indepote on the sun are to be very distinctly seen in a small beliescope, care being taken to protect the eye with deeply-tinted glass. Large spots or clusters of spots are sometimes visible to the naked eye. A 2-in. refractor, powers from 6e to noo, reveals the solar markings in detail and under many varieties of form and census and under many varieties of form and grouping. The craters mountains, clefts, and ridges of the Mooft are satisfactorily seen in general outline with 50 and 75, though, for minute formations, powers of 300 and 400 are necessary on a ro or 12 in glass. Solar and lunar collapses are best visible under low powers,

The phases of Mercury may be discerned with The phases of Mercury may be discerned with 150 or 175, but the air must be steady and the object not very near the horizon; those of Venus are plain with quite a low power. Whenever practicable these planets should be examined in daylight, for definition is often agreeably sharp at such times. Mars and Jupiter, too,

with 90 on a 3-in. refractor, but powers of 300 and 390 and an 8-in. refractor or ro-in. reflector are desirable to exhibit the outlines of the fainter, narrower markings, many of which are delicate streaks and spots requiring very sharp the streaks and spots required to the streak and

COMETS, and large nebulæ such as those in advantage over powers of 200 to 440. The four bright satellites are visible in an opera-glass. Dark transits of Satellites III. and IV. and their

> in Saturn's ring and his principal dark belt are to be readily glimpsed, when the globe is sufficiently inclined, with a 2½-in. glass, power 120. But magnifiers of 250 to 350, and greater aperture, are essential to reach the Tethys, Rhes, and Dione are much more difficult.

> large telescopes and fairly high magnifying

of the object. For very close pairs, high powers, such as 300 or 400, and even more, are sometimes

Golden Number, so-called from its importance in calculating the date of Raster, is the number of any year in a lunar cycle of ninteen years. Which period the Moon returns to the same apparent position with regard to the Sun, so that new and full Moon secure at the same dates in the corresponding year of each cycle.

Personal Full Moon 6.c., the full Moon which happens upon; or next after, March ar; if that full Moon course on a Sunday, Easter Day is the

Epact.—The age of the Moon at the commence-

313 for fiscal purposes.

The Dominical Letter is one of the first seven letters of the alphabet, A-G, which are used in succession to denote the Sundays (Lord's Day) in succession to denote the Sundays (Lord's Day) in a particular year. If the first day of the year is a Sunday the letter is A; if the second, B; the third, C; and so on. Leap year requires two letters, the first for Jan. x-Feb. \$9, the second from March x-Dec. 2x-

Of Aries, the Ram; & Taurus, the Bull; II Gemins, the Trius; & Cancer, the Crab; II Gemins, the Trab; & Cancer, the Crab; Q Lea, the Lion; The Virge, the Virgin; & Libra, the Balance; II Scorpio, the Scorpion; & Sagistarius, Ahe Archer; by Capricornus, the Goat; Aguarius, the Waler-Bearer; ** Pieces, the

THE WEATHER.

Ir was from observation of the sky and the | If the barometer falls and warmth continues, saying appearance of the clouds, their color | the wind will probably back, and more southerly of formation, that the angient meteorologist for south-westerly winds will follow. advance. He was able also to draw more or

With the discovery of the Barometer in 1643.

and wind seew by the south, the barometer will

duration of wind or rain, or both

From the clouds we may draw the following

Language.	People.
English	160,000,000
German	110,000,000
Russian	100,000,000
French	70,000,000
Spanish	50,000,000
Italian	50,000,000
Portuguese	

VARIOUS EPOCHS AND ERAS.

Abyssinian .- The Ethiopians have a chrono-Their first year began on 29th August, 284 A.D.

Armenian. — The Armenians marked their
secession from the Greek Church by adopting it as

their epoch. This corresponds to gth July,

Assyrian or Babylonian.—In the eighth century B.O. the Babylonians commenced a chronology Their epoch corresponds to soth February,747B.C.

the Chinese adopted as a chronological method

back to 2357 B.C.

the seventh to twelfth centuries, after which time the Annunciation (agth March) prevailed until x January was adopted at the reform of the calendar in 1752. The reform of 1752 (see also "Roman Chronology" below) omitted at days known as the Old Style. Inrough the obmission of the extra day in ziso and ropo (which were not leap years) the difference between the Old and New Styles is now 13 days. The Eastern Church still employs the Old Style, and a Greek and Russian calendar for 1915 will be found on p. 43. Hindu.—In addition to the Muhammadan

reckoning there are four eras used in India.

the Saka Era. In the Hills, the Saptarshi Era dates from the moment when the Saptarshi, or

the Indian Peninsula. The principal religious systems of chronology were those of the Bud-dhists and the Jains. The Buddhists reckoned from the death of Buddha in 543 B.C. (the actual date being 487 B.C.); and the epoch of the Jains was the death of Vardhamana, the founder of

their faith, in 527 B.C.

Jewish.—In the fifteenth century the Jews.

which was praced in a year careful in the terms and a homology 3766 B.O. Thus the year 376 A.D.1s Annus Mundi 5676 in the Jewish Calendar. A calendar for 5676-5579 will be found on p. 43.

Julian Period.—A period of 7980 Julian years, proposed by Joseph Scaliger in 582 sea a miversal standard of comparison of chronology, consisting

(28 × 19 × 15). Macedonian .- The epoch was the occupation

Muhammadan.—The Muhammadan epoch is the Hejirs, or Flight of Mahomet, from Mecca to Medina in 622 A.D. The first day of the first

victoratine Games. The miss recorded on information is that of Choroebus, 776 B.O.

Persian.—The chronology of Persia, which is still followed by the Parsees of India, dates from the accession of Yazdegerd HI. to the throne on roth June, 62s A.D. The year rore is therefore

1285 of the Parsees.

Roman, - Roman historians adopted as an epoch the Foundation of Rome, which they formed in 46 B.C. by Julius Casar, and remained formed in 46 n.c. by Julius Cessar, and remained unchanged in Western Europe until the year unchanged in Western Europe until the year as that of every four years three were Common. Perser of 56 days and the fourth a Leap Year of 36 days. But this system made the civil year persecution of the persecution of the common. Debug 2 days in one years, so that in the year 1752 Ab. there was an error of 12 days. Under each eap years, and the years these on all yone call, countries of 36 days only. The year 2000 will be a leap year, the next subsequent ead-ecutiony

THE UNIVERSE.

For many ages it was the general belief that the Earth upon which we live was the center of round the Earth. In 1543, however, Copernicus (in his work entitled De Revolutionibus round its own axis once in 24 hours, and thus accounted for the change in the positions of the

But beyond the outernost range of the most remote comet revolving round the Sun are the "Fixed Stars," other suns than ours, and towards a part of the sky, not far from the direction in which the bright star Veyn lies, the Solar System appears to be traveling. The motion is at present regarded as rectilinear, but it may be only a major of a mighty orbit described round some huge central body, the actual center of gravity.

THE SOLAR SYSTEM:

The bodies which constitute the Solar System are the Sun, with its attendant planets Mercury, Yenns, the Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. If the Earth be taken as the unit of size, the Sun is more than one million times as large and 33,000,000 nites separate the Earth from the Sun. Mercury is the nearest planet to the sun, its than the Earth, but is nearly twice as far from the Sun as Mercury.

SOME	STEWNTS TO	OF THE	PLANETARY	SYSTEM.

Name and Symbol.	Distance from Earth in Million Miles.	Period of Re- volution round Sun.	Time of Axial Rotation,	Real Diameter in Miles.	Volume ⊕=x.	Density ⊕=r.
The Sum	03.0	Days.	Н. М. 607 48	866,400	1,310,000	0.52
Jupiter 2	390'4	4,333	9 56	86,500	1,309	0'24
saturn le	793'2	20,759	10 14%	71,000	849	0.13
Neptune 4	2,698'8	60,127		32,900	203	0'20
Franus Id	1,689°o	30,687	10 45	31,900	59	0,33
Barth		365	23 56	7,918	x	1,00
Venus 9	25'7	235	123 2x1/3	7,700	0.030	o*86
Mars &	48.6	687	24 371/3	4,230	0'151	0.43
Mercury.	56'9	88		3,030	0'056	2.23

FACTS ABOUT THE EARTH.

The Earth en which we live is a nearly spherical body, its shape having been first shown by Thales of Miletts, more than 600 years before the Christian Era. The longest (equatorial) dismeter is 7,000 miles, and the shortest (polar) around which it rotates is 7,800 miles, and three-tenths are land, the highest point of the shape of the state of the shape of the state of the shape of the shape

lying south of Asia and limited on the cast by Assarlatia and on the west by differ where the property of the control of the property of the control of the

0,000 square miles, with a mean height of 800 feet.

NORTH AMERICA.

POLITICAL DIVISIONS.

Country.	Form of Government.	Arna (in Sq. Miles).	Population.	Capital.	Population of Capital.
United States Alaska Canada Mexico Newfoundland	Republic Territory British Republic British	3,026,789 6,449 3,750,000 767,000 163,100		Washington, Juneau Ottawa Mexico St. John's	331,000 1,864 86,500 471,000 32,000

| Summary :-- Area (in Sq. Miles), | Population, | American (U.S. and Territories) | 3,033,331 | 92,055,000 | British | 3,913,100 | 7,821,000 | Mexican | 767,000 | 76,000,000

POSITION AND EXTENT.—The area of North America, including Mexico, is about a composity miles, a little less than twice that of Europe. Its extreme longitudes extend from a little west of 170° W. to 52½° W. in the east of Newtondianal, and its extreme attitudes from about 80° N. lat. to 15° N. lat. in the south of Mexico. It is surrounded by seen and all sides except in the south, where it joins the Irlemian States of Cectard

The Arctic coast lands of North America, which include Labrador, where the cold currer reduces temperature, are barren and treeless, and of little use except for fur collecting.

ETHNOLOGY AND RELIGIOUS.—A very small part of North America north of Mexico

now occupied by native races. In the north there are about 1,800 Eskimo on the Arctic coast of Canada and in Labrador, and some 14,000 in Alaska. In the whole of the rest of undistribed. Except in the south of the United States, ware means a large negro element, the population is composed of the descendants of European immigrants. About one-chird of the population of the United States are Roman Catholic, and of Canada about two-fifths, mainly in the French-speaking province of Quebec. In Mexico about 4,0 per cent, of the population are Indian, a similar proportion of a mixed race, and one-fifth European, largely of Spanish origin, the majority being Roman Catholic.

CENTRAL AMERICA.

TOLITICAL DIVISIONS							
Country.	Form of Government.	Area (in Sq. Miles).	Population.	Capital.	Population of Capital.		
Costa Rica Guatemala Honduras Nicaragua Ranama Trador.	Republic	23,600 47,500 42,700 51,600 31,890 7,250	380,000 2,000,000 800,000 600,000 400,000	San José Guatemala Tegucigalpa Managua Panama San Salvador	27,000 90,000 17,000 36,000 40,000 60,000		

Summary.	Area	(in Sq. l	liles).	Population.	
Isthmian States		203,940		5,180,000	
British Honduras		8,500		45,000	
Panama Canal Zone (U.S.)		474		150,000	

AREA.—The six Isthmian states have an area wl miles. The greatest breadths, approximately along 15° N. lat. from Cape Gracios a Dios

RELIEF AND HYDROGRAPHY. - The uplands of the plateau of Mexico are interrupted by formation as far south as Costa Rica, where the Isthmus narrows and the mountains tend to

ETHNOLOGY AND Br. JGIONS - A ... 35 SEC 25 of the original native Indian stock still exist in Guatemala, and only some 70,000 in the rest of Central America. Some thirty Indian languages are still spoken. Most of the population are Mestizos, the descendants

EXTENT.—The area of the West Indies is about 65,000 square miles, a little more than the combined area of the States of Maryland and Virginia. The islands extend from about

In the center of the Island, where the width is only 46 miles, there is a low transverse depression. As, except the uplands, Cuba is largely composed of limestone, the drainings partly underground and many rivers are lost in swamps. On the coast a harder limestone

Hispaniola (San Domingo and Haiti) is generally mountainous, the highest summit exceeding tooo feet. It is crossed by four chains, between which are degressions. Puerto Rico is a moderately elevated plateau with a great number of rivers. In Janaior the Blue Mountains exceed 7,000 feet and have a mean altitude of 4,500 feet. Numerous spurse and in bluffs near the coast, leaving only small strips of lowhand. In the center and west is a limestone plateau with deep basin-shaped valleys with self-contained drainage, and in some parts sinks 500 feet in depth, known as "cockpits." Much of this is, like Cuba, a typical Karst region.

the Garibbean Sas from the Atlantic Ocean. This is partly volcanic and cenerally mountainous, and is overest with dense forest. Mont Pelec, in Martingue, and the Soutfirine, in St. Vincent, have been largely the scene of disastrous cruptions. To the east of Soutfirine, in St. Vincent, have been largely the scene of disastrous cruptions. To the east of these are a line of lower islands mostly composed of limestone. These include Anguilla, Barbuda, Antigua, Eastern Guadeloupe, Barbadees, Tokago and Trinidad. Some of the islands in these theorems are the standard of the scene of o

POLITICAL DIVISIONS OF THE WEST INDIA ISLANDS.

Country.	Form of . Government.	Area (in Sq. Miles).	Population.	Capital.	Popu- lation of Capital.
Cuba	Republic	44,000	1,600,000	Havana	270,000
	Republic	10,200	1,000,000	Port au Prince	100,007
	Republic	18,000	600,000	Santo Domingo	20

Summary.		100	krea (i	n Sq. Mile	. (83	Population.
Independent				72,200		3,200,000
American (U.S.)				3,750		980,000
British			2%	2,300		1,750,000
Danish				140		33,000
French				I,350		400,000
· Netherlands				430		-60,000
Venezuelan				90		***

CEMBATE.—Except the Islamus, all the West Indies he within the tropies and are unrounded by warm seas. Consequently, except on elevated Indi, there is considerable amounted to the property of the season of the property of

FURDIOLOV AND RELIGIOUS.—The native Arawak and Carib races in the West Indies were largely externinated at the close of the sixteenth century, and the islands were repeopled by Europeans and negroes, and the latter, since their emancipation, have largely increased, so that quite two-filts of the total population are now necroes and mulattoes. There has been a considerable influx of cooles from India and Chrin to work in the continuation of th

POSITION AND EXTENT.-The area of Africa is 112 million square miles, about once and a half that of North America, and about three times that of Europe, smoot once and a half that of North America, and about three times that of Europe, its extreme longitudes are 17° W. at Cape Verde and 51° E. at Cape Guardaid. The extreme latitudes are Cape Blanco in 37° N. and Cape Aguillas in 35° S., at a distance of about 5,000 miles. Suez Canal, and may be considered as a great peninsula of the Eurasian continent.

POT TRICAL DIVISIONS

Country.	Form of Government.	Area (in' Sq. Miles).	Population.	Capital.	Pop. of Capital.		
Abyssinia Egypt Liberia Morocco* Sudan Union of S.A.	Monarchy Con-dominium Republic Monarchy Con-dominium British	350,000 363,200 48,000 220,000 950,000 470,000	7,000,000 11,400,000 1,500,000 5,000,000 2,750,000 6,000,000	Addis Abbaba Cairo Monrovia Fez Khartum Pretoria	40,000 670,000 8,000 140,000 96,000 50,000		

ummary :	Area (in Sq. Milys).
Independent	
Belgian	800,000
British+1	
French	
German	930,000
Italian	
Portuguese	800,000

ISLANDS ROUND AFRICA.

Name.	Government.	Area (in Sq. Miles).	Popula
on ao	British	38	

The Nile, 2,600 miles in length, takes its rise in the Victoria Nauza Lake, and bending almost due north through the Sudan and Egypt, discharges into the Mediterranean Sea at Alexandria. The Copps, 2,000 miles long, states from Jake Tamanyika, an unotion of the Copps free from the Francis Copps, and the Sudan Free from the Francis Copps, from the Francis Copps, from the Francis Copps, from the Francis Copps, finally reaching the Allantic at Zairc, between Belgian and Portuguese certainty. The Myer, a good miles in length, originates in the Kong mountains, at the south of French Seneganhia, runs north-east to Timbaktu, then time seat and south through the French Solan to Nigeria, in which territory is flow out thin to the Oil of Guinnes, at Akassa.

AUSTRALASIA.

The continent of Australia has an area of 2.048,366 square miles, nearly 1.000,000 square miles less than the area of Europe, and considerably less than half that of North America.

POLITICAL DIVISIONS:

Country.	Form of Government.	Area (in Sq. Miles).	Population.	Capital.	Popu- lation of Capital.
Australia	British	3,063,234	4,805,005	Canberra	-
New Zealand	British	104,751	1,071,428	Wellington	70,729

OCEANIA.

The Pacific Ocean is deepest north of the Equator, where soundings show the existence of an extensive basin, with depths of from 15,000 to 16,000 feet, between Japan and San and off Mindanao is the greatest recorded depth, 32,089 feet. The deepest parts of the South Pacific lie mostly close to the larger land areas between Sydney and New Zealand, and to the south-east of New Guinea. Round the coast of Australia the sea is shallow, and submarine bank, on which Borneo, Java and Sumatra are situated, are the deep basins of the Celebes. Sulu and Banda seas, which exceed 15,000 feet in depth.

North of about 30° N. lat. there are hardly any islands in the Pacific, and except New 60,000 sq. miles. The two types offer marked contrasts. The volcanic islands are usually lofty-one elevation exceeding 13,000 feet-are clothed with forests and support a varied the coco-nut palm.

Micronesia .- This includes the Gilbert or Kingsmill Islands, on the east, the Caroline Islands and Pelews on the west, and the Ladrones on the north. The race elements are generally mixed, Polynesian and Indonesian (pre-Malay) predominating. There is a con-

Melanesia.- This includes New Guinea, the home of the Papuan race, which in its pure form is quite distinct from the Malay and the brown Polynesian races. The Melanesian type have general affinities with the negro or negrito, though differing in many ways. The Solomon Islands, Santa Cruz Island, New Hebrides, Loyalty Islands and Fiji Islands belong

ynesia .- This contains a number of distinct archipelagos and scattered islands to the east of 1800 long. The most isolated are Hawaii and Easter Island, in the extreme east,

between the Low Archipelago and South America.

The Polynesian race have brown skins and curly hair, in contrast to the dark complexions

and frizzly hair of the Melanesians, and the straight black hair of the Malay.

The Maoris of New Zealand are a remarkable example of the high development of this

THE ISLANDS	OF OCEANIA	
Name of Group.	Area (in Sq. Miles).	Population.
Melanesia	370,000	600,000
Micronesia	1,400	100,000
Polynesia		350,000
American (U.S.)		200,000
British	110,000	700,000
French		80,000
German		380,000
Notherlands		400,000

AFRICA.

POSITION AND EXTENT.—The area of Africa is righ million square miles, about once a leaf that of North America, and about three times that of Europe. Its extreme longitudes are ry W. at Cape Verle and qc² E. at Crup Guardafui. The extreme latitudes are Cape Bianco in gr² N. and Cape Agolhas in gc² S., at a distance of about 1, coo milles. It is surrounded by seas on all atten, except in reminesting of the Rurain continued in the contract of the Rurain continued in the contract of the Rurain continued.

Portmicer Divisions

. I Oblitate Divisions						
Country.	Form of Government.	Area (in' Sq. Miles).	Population.	Capital.	Pop. of Capital.	
Abyssinia Egypt Liberia Morecco* Sudan Union of S.A.	Monarchy Con-dominium Republic Monarchy Con-dominium British	48,000	7,000,000 11,400,000 1,500,000 5,000,000 2,750,000 6,000,000	Addis Abbaba Cairo Monrovia Fez Khartum Pretoria	40,000 670,000 8,000 140,000 96,000 50,000	

Summary :	Area (in Sq. Miles).
Independent	
Belaian	
British+1	2,132,840
	, 300,000
German	
Italian	591,000
Portuguese	
Smanish	86,000

20,000,000 15,000,000 40,000,000 36,000,000 15,000,000 1,750,000 9,000,000 250,000

ISLANDS ROUND AFRICA.

Name.	Government.	Area (in Sq. Miles).	Population.
Ascensión	British	. 38	150
Azores	Portuguese	- 920	260,000
Canary Islands¶	Spanish	2,800	300,000
Cape Verd Islands	Portuguesc	1,500	150,000
Comoro Islands	French	750	60,000
Madagascar	French	228,000	- 3,000,000
Madeira	Portuguese	310	1 150,000
Mauritius	British	7.20	370,000
Réunion	French	970	180,000
Rodriguez	British	90	3,000
St. Helena	British	50 .	3,500
Seychelles	British	150	23,000
Socotra	British	1,400	12,000

THE THREE LARGEST RIVERS OF AFRICA

The Nile, 260 miles in length takes its rise in the Victoria Nyama Lake, and bending almost due north through the Sudan and Egypt, discharges into the Mediterranana Sea at Alexandria. The Congo, 3,000 miles long, starts from Lake Tamanyika, and running through the Congo Free State, fast to the north, turns to the west and south dividing, in portion of its course, the Beignan State, fast to the north, turns to the west and south dividing, in portion of its course, the Beignan territory. The Niger, 2,000 miles in length, originates in the Kong mountains, at the south of Prench Senegamble, runn north-east to Timbukut, then turns sea and south through the French

The Barbary States are Algeria (French), Morocco (French), Tripoli (Italian), and Tunis (French).

[‡] Exclusive of Egypt and Anglo-Egyptian Sudan.

A The Azores and Madeira form an integral part of Portugal,

The Canary Islands, which form an integral part of Spain, are the "Fortunate Isles" of romance

AUSTRALASIA

The continent of Australia has an area of 2,948,366 square miles, nearly 1,000,000 square miles less than the area of Europe, and considerably less than half that of North America.

POLITICAL DIVISIONS.

Country.	Form of Government.	Area (in Sq. Miles).	Population:	Capital.	Popu- lation of Capital.
Australia			4,805,005	Canberra Wellington	70,729

OCEANIA.

The Pacific Ocan is deepest north of the Equator, where soundings show the existence of an extensive basin, with depths of from r₂5,000 to 15,000 feet, between Japan and San Francisco. Nearly 27,000 feet has been obtained between the Ladrones and the Philippines and off Mindano is the greatest recorded depth, 23,085 feet. The deepest parts of the South Pacific lie mostly close to the larger land areas between Sydney and New Zealand, and to the south-east of New Guinea. Roand the coast of Austmith the sat is shallow, and between Australia and New Guinea It is not much more than 9 fathoms. To the east of the submarine bank, on which Borneo, Java and Sumatra are situated, are the deep beasins of the

Celébes, Sulu and Banda seas, which exceed 15,000 feet in depth.

North of about 20° N. lat. there are hardly any islands in the Pacific, and except New Zaland and the surrounting islands there is nothing to break the expanse of ocean from Australia and Taemanin to Juan Fernander, off the coast of Chile. The built of the coral and volcanic islands is between 20° N. and 20° S. Consepseusly, the climate of Cocania is generally tropical, though there are considerable differences of temperature between islands each as Hawaii, on the margin of the tropics, and those on the Lyuntor. The islands are usually divided into Micronesia, Melanesia and Polyaesia. The whole land area is along the contraction of the property o

Micronesia.—This includes the Gilbert or Kingsmill Islands, on the east, the Caroline Islands and Pelews on the west, and the Ladrones on the north. The race elements are generally mixed. Polyresian and Indonesian (pre-Malay) predominating. There is a concerning the control of the control o

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Melanesia.—This includes New Guines, the home of the Papuan race, which in its pure form is quite distinct from the Malay and the brown Polynesian races. The Melanesian type have general affinities with the negro or negrito, though differing in many ways. The Solomon Islands, Sauta Cruz Island, New Hebrides, Loyalty Islands and Fiji Islands belong

Polynesia.—This contains a number of distinct archipelages and scattered islands to the east of 180° long. The most isolated are Hawaii and Easter Island, in the extreme east.

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The Polynesian race have brown skins and curly hair, in contrast to the dark complexions

and frizzly hair of the Melanesians, and the straight black hair of the Malay.

The Maoris of New Zealand are a remarkable example of the high development of this

THE ISLANDS	OF OCEANIA.	
Name of Group,	Area (in Sq. Miles).	- Population.
Melanesia	370,000	600,000
Micronesia	I,400	100,000
Polynesia	10,400	350,000
American (U.S.)	6,500	200,000
British	110,000	700,000
French	8,750	80,000
German		380,000

NORTH POLAR REGIONS.

Depressions and Ridges .- The Arctic Ocean consists of a deep sea over 2,000 fathoms, on and Scaudinavia. Bering Strait is only 49 miles wide and 27 fathoms deep. The southern boundary of the Arctic Ocean is the Wyville-Thomson and Faeroe-Icelandic submarine This extends from the north of Spitsbergen and Franz Josef Land to the north of the New

Another more shallow depression is Baffin Bay, less than 1,000 fathoms. separated from the North Atlantic by a submarine ridge. Barent's Sea, between Spits-

Currents .- The main current flowing into the Arctic Ocean is the Atlantic Drift. The surface current is driven north-east by the full memoer of rotation. On the west coast of Spirisbergen the current is about 110 miles broad and 300 to 500 fathoms deep, and has temperatures from 32° to 38°. As a large quantity of fresh water is brought into the Arctio Ocean by the rivers of Siberia and the Mackenzie of North America, and there is little evaporation, the surface water is less salt than that of the Atlantic Drift, which tends open in good seasons to Smith Sound-open water is also found west and north-west of the

The main cold currents are the East Greenland Polar current, with temperatures of 21'80 to 29'30, which carries ice south of Cape Farewell, and the Labrador current, which flows from Baffin Bay, along the east coast of Baffin Land, and carries icebergs and drift

The south coasts of Franz Josef Land and the east and south-east coasts of Spitsbergen

covered sea. The lowest temperature observed is -62° m 62° N. in., a gloot user in than that of Verkiopansk (-62°) the lowest recorded temperature of the globe). Finna and Flora.—Forests of pine and larch reach 72° N. in Stheria, and to the north of this are dwarf brinche, willows, mosses and larch reach 72° N. in Stheria, and to the north of Greenland to support rodents and ruminants. The must ox occurs on the north-cent and north coasts of Greenland and the American Arctic Archipelago, and the reindeer cast and north coasts of Greenland and the American Arctic Archipelago, and the reindeer

settlements in Spitsbergen and Franz Josef Land. The most northerly of the polar peoples

are the Eskimo. In Danish Greenland these are mainly half-breeds, but pure races are found in the Arctic Archipelago, especially to the north of McVille Bay. Peary owed the success of his expedition to the North Pole largely to the help of these tribes, who were called the Arctic Highlanders by Sir J. Koss.

EXPLORATION.—The first discoveries in the Arctic were male by the Norseman, localual being reached in 861 a.b. and Greenland before 1,000 a.b. NewCommiland and Nova Scotia were visited from the settlements made in Greenland. Modern Arctic exploration may be said to commence with the search for the North-Vert Passage. In 1,495 doin label and his son Selastian reached get N. Lt. In 157 Robert Thorne, of Bristol (Enghand), in the second of the Second Secon

In 1625 John Davis male the most important series of early voyages. He reached poly N. Int. as a result of three expeditions, but was unable to make the passage round North America to the west. He demonstrated, however, the commercial importance of the Arctic in whites, seal and deer skins. In 150 on expedition reached the Kara Sea under the contract of the North-Vast Tassage. The pilot, William Barent, was the lifet Arctic exploration of the North-Vast Tassage. The pilot, William Barent, was the lifet Arctic exploration to pass a winter in the Pelar ice.

In 1607 Henry Hudson began his remarkable voyages. His first two expeditions, in which he reached 80° 23' N. Lat, were to the north-east. He was the first to open up the Spitabergen whale faberty. On his third voyage he discovered the Hudson River. His last voyage he discovered the Hudson River. His last was a first to expect the same faber to search and the state of the same and the same and

In 1725 Russian exploration began, and between that date and 1750 Bering mapped a large part of the north-east coast of Asia and opened up the fur trade. In 1773 another strictly Polar expedition was planued, and John Phipps reached 80° 40° N. lat., to the north of Sysilsbergen. Nelson (the English commander at the Battle of Trafalgar in 1812) was on board the ship as explain's coxsavain. Three years after the return of this expedition Captain Cook made his only expedition into the Arctic in the attempt to find the North-Wert Passago.

straggide with Napoleon but in 187, owing to the representations, in the interests of the whale finitery, or a Soctic, whater William Socretary, who had found the east coast of Greenland free from ice at an unusually high latitude, two expeditions were sent out with geographical and scientific aims, under Buchan and Franklin, who wintered in the ice off Spitsbergen, and under Ross and Parry, who searched for the North-West Passage on the shores of Dalini Bury. In 162 Tarry made an attempt to the could of Lancaster Sound, of the state of the Spitsbergen, and under Ross and Parry, who searched for the North-West Passage on the Point Turnagain, 65° 18° N. and 20° 25° W. Inone. He suffered great hardships on the return journey through the Barren Grounds from Hood's River. Franklin's second overland journey (126–27) resulted in further exploration on the Arctic coast of North America. Parry had Arctic voyage in 1807 was an attempt for reach the Pole by sledge boats. Parry had a factic voyage in 1807 was an attempt for reach the Pole by sledge boats. See 4.5. In 1820 flows made another attempt on the North-West Passage in the Fictory, and reached Bellot Strait, the real claumel leading to the Arctic Sea, but failed to recognize it say assage, and returned without success after spending four winters in the ice. In the course of these voyages he attained the Magnetic Pole. The anxiety at Ross's long absence lated Back's relief voyage in the Terror.

The failure of Back's expedition discouraged the British Government, which turned its attention to the Antarctic, but the success of Dease and Simpson on the north coast of Ercbus and Terror, which had returned from the Antarctic, were fitted out with steam, and Erous and Irro, when has returned from the Hamaruck, were near our with seeam, and Franklin was commissioned in 1845 to attempt the entrance to Lancaster Sound. The two ships were last sighted near this point by a whaler, but were never seen again. For many years Arctic exploration was mainly engaged in the search for Franklin. In 1847 relief expeditions were sent out from the east through Lancaster Sound, from the west through



The final result of these search expeditions was the completion of the North-West The limit return of times search symmetric for the confidence of t in the Alert and Discovery, and was successful in opening up many new regions.

The North-East Passage was discovered by Nordenskield, who reached the mouth of the Yenisei in two successive years, and attained the East Cape in 1879, after a winter in the lee not far from Bering Strait.

Names in 1988. Another remarkable journey over the inland ice was carried through by Names in 1988. Another remarkable journey over the inland ice was carried through by Another in 1988. Another remarkable journey over the inland ice was carried through by attempted for each twin proved the insular character of Greenland. In 1892 Names attempted for each twin proved the insular character of Collection Control and the control was a constructed to withstand commons ice pressure, and diffict to New Siberia. The Prass was constructed to withstand commons ice pressure, and surjective through the currents would bring the ship close to the Pole. Finding that the ship's track did not approach sufficiently near to the Pole. Names and Johanness left the ship's track did not approach sufficiently near to the Pole. Names and Johanness left the ship's track did not approach sufficiently near to the Pole. Names and Johanness left the ship in 1863 with dors and slesiges, and reached N. lat. 56° x4°, the furthest point attained up to that time. After a written or Prederick Acatoon Island, to the north-west of Francy Joseph Land, they fell in Land. The Prass, under the command of Otto's N. was distincted at Cape Bran in Alexandra. Land. The Prass, under the command of Otto's N. was attained by N. wassed M. Scrawy in each of the otto did not be considered in the otto did not be considered in the constant of the otto of the constant of the otto of the pole.

In 1896 an attempt to reach the North Pole by balloon was made by Andrée, but the specific was never seen again. In 1909 the Duke of the Abruzzi made an expedition was never seen again. In 1909 the Duke of the Abruzzi made an expedition are stellar Polars, and Captain Cagni succeeded in reaching that 190 20, a little month of

Nansen's record, by a sledge journey over the ice

The honor of first reaching the North Pole was reserved for Commander Robort Edwin Peruy, of Pennsylvania, an officer of the U.S. Navy, who was born 6 May, 1856. Peary and many Arctic voyages, and attained success by a remarkable sledge journey during he winter night, reaching the North Pole on 6 April, 1909.

SOUTH POLAR REGIONS.

the Antarctic Oceah memors much more of the circumpolar ocean turn the part south of the Antarctic Circle (6c)* S.), as drifting pack ice is carried a long way to the north. Icebergs are often met with north of 45°S. It is new considered that the land which has been spainful and various points forms part of an Antarctic continent, probably lofter than Greenland and larger than Anstralis. This plateau is covered with a sheet of ne'de and ice, which seems to be abordly creening towards the sea. On the coast floating islands of ice are seems to be abordly creening towards the sea. On the coast floating islands of ice are when the complete of the control of the coast floating control of the control of

This precipitation is small, probably below the equivalent of ro inches of rain, the first probably below the equivalent of ro inches of rain, the first probably below the desired probably the street of the first probably the street of the first probably the street of the street of

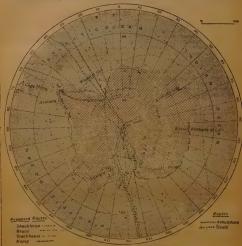
In the interior the platean rises to over 10,000 feet and is remarkably level. This is intravered by a great mountain range which runs from Cape Adare, in 7.0° S. lat., for at least 1,000 miles. Probably an extension runs to Graham Land and a branch to King Edwards Land. On this some of the peaks exceed 15,000 feet. In Victoria Land, which apparently consists largely of sandstone on a granite base and capped by basalt, there have been ground to the consists of the control of the consists of the control of the consists and compared by basalt, the result of the consists and compared to the consists and consists are consistent of the consists and consists and consists and consists are consistent of the consists and consists and consists are consistent of the consists and consists are consistent or consists are consistent or consists and consists are consistent or consists and

Marine and Bird Life.—Numerous seals and whales are found, though not the "right" whale. Birds abound of certain species, the penguins, petrels, skuss, &c. The emperor penguin breeds in winter. There are no land animals, but in ponds has been found micro-

scopic life, which can endure great extremes of cold and he

EXPLORATION.—A southern continent was believed to exist in the 16th and 17th centuries, but it was not till 1772 that Cook crossed the Antarctic Circle and reached in his verages 770 of S-1005 47. W. In 1772. This was the furthest point south attained in the 18th century. On his return journey by Cape Horn, Cook discovered South Georgia and the Sandwind Islands. Though he assed completely round the Antarctic Circle, he sighted not co-cled Mand.

The South Shellands were discovered in 1819. Bellingshausen, in a Russian expension supplementing Cook's voyages, reached 69° 25' S. and 1° 11' W. in 1819, and in 1821 sighted the first land ever seen within the Antarctic Circle, to which he gave the name of Peter I.



AP OF THE SOUTH POLAR REGIONS.

Jainut. In 1823 James Weistell reached γ_0^{-1} 3′. S. and γ_0^{-2} 3′. W. on a whaling and sealing expedition. In 1837 – Biscoon, one of the whaling expeditions sent out by the Enderby Birethers, of London (England), discovered Graham Land. In 1833 an attempt was made to reach the Magnate 100 by a French expedition that not with no success, though land was sighted inside the Amartic Circle. In 1826 Wilkes sighted hand at a number of points along the circle. The man Wilkes Land has been circum to this part of the continental coart.

Begins in the surface reference truck. It is a first writer spiner and a humber of points song the circle. The name Wilkes Land has been given to this part of the continental coast. In 1839 the Erchie and Terror, of which the former was commanded by Ross, entered pack ice in 1747 Eq., and succeeded in getting through the ice into open sea to the south. He discovered a chain of mountains south of Cape Adarc in 74° S., and the land was taken

It was found that the ice barrier formed a line of lofty cliffs 200 to 200 feet high, extending or 250 miles, which prevented landing on the coast. 780 4' S. and 1670 W. was attained in Ross See, but owing to the failure to discover a harbor to winter in the ships returned. In 1842 an attempt was made to pass the Great Ice Barrier on the east, and the land was discovered now known as King Edward's Land. In 1843 another expedition was made in the Weddell Quadrant, but it was found impossible to penetrate the pack.

There was no more exploration till 1874, when the first steamer, the Challenger, reached 660 40' S. and 780 30' E., and by dredging and sounding demonstrated the proximity of a

In 1892 four whaling vessels were sent out from Dundee, Scotland, to search for the

In 1898 the Belgica became fast in the pack and spent the first winter in the ice: In 1899 Borchgrevink, in the Southern Cross, an expedition equipped by Sir George Newnes, took dogs and sledges to attempt to reach the Magnetic Pole, and landed near Cape Adare.

In 1901-4 a British Antarctic expedition was organized under Scott. The winter was passed in McMurdo Bay. In 1902 Scott, Shackleton, and Wilson reached 820 17' S. with passed in acculation bay. In 1902 Scott, Guarkitein, and Wilson beautiff of "I yo, while dogs ledges. An elevation of 9,000 feet was statished on the plateau. A German expedition in the Gauss reached 67°S, and discovered Kaiser Wilhelm Land. Nordenskipfld, in the Amtericit, and Brace, in the Scotia, added to the knowledge of the South Folder regions. In 1904 Charcot, in the Français, and in 1909 in the Pourquoi Past, explored the Bellingshausen. Edward's Land, but found the floe ice too closely packed, and eventually wintered near the Assessment the manifestation in pointer state in the state of the stat to the Pole at 10,500 feet.

Captain Robert Falcon Scott, an officer of the British Navy, was born 6 June, 1368, and

On 26 October, 1914, Shackleton started from Buenos Aires on a further Antarctic expedi-

If an airship with a constant speed of 50 miles an hour started from the earth on a journey to the Sun on 1 Jun, 1974, it would be nearly 220 years on the journey, as it would not arrive until 32 Nov., 223; I're velocity of a given point of the Earth's surface at the Equator exceeds 2,000 miles an hour (4,652 at miles in 24 hours); the

Earth's velocity in its orbit round the Sun is

Earths velocity in its orbit round the Sun is about 65,000 miles an hour (50,000,000 miles in 355 days 6 hours 9 minutes). It has been estimated that the Earth can maintain a population of 6,000,000,000, a total which will be reached about A.D. aroo at the present rate of increase.

THE WORLD.

This Superficial Area of the Earth is estimated to be 196,550,000 square miles, of Longitude, each of 69'09 English (or 60 Geographical) miles; these Degrees are measured Parallels of Latitude, which proceed from zero (at the Equator) to 90° at the Poles.

Continent	Area in Square Miles.	Estimated Population.
durope ,	3,750,000	400,000,000
Ris.	17,000,000	900,000,000
frica	11,500,000	170,000,000
orth America	8,000,000	110,000,000
outh America	6,800,000	35,000,000
ceania	3,450,000	8,000,000
olar Regions	5,000,000	
	55,500,000	x,623,000,000

largest Empire (8,400,000 sq. miles); France i its Insular Jurisdiction, &c., covers 3,750,000 sq miles, and Brazil 3,220,000 sq. miles.

THE RACES OF MANKIND.

The Races of Mankind are divisible according numerical order being (1) Yellow, (2) White (3) Black, (4) Brown, (5) Red. The main Division

Division.	Area.	Hstimated Number.
Mongolian Caucasian Negro Semitic Malayan Red Indian	Asia	655,000,00 645,000,00 270,000,00 80,000,00 50,000,00 23,000,00
		1,623,000,00

and of existing life Biology.

+ It has been estimated that the Earth can

he following 49 cities have an ascertained York, U.S.A. (1910)

	London, England (rorr)	4,523,0
	Paris, France (xoxx)	2,888,0
	Tokyo, Japan (1908)	2,186,0
	Chicago, U.S.A. (1910)	2,185,0
	Berlin, Prussia (1910)	2,071,0
	Vienna, Austria (1910)	3,031,0
	Petrograd, Russia (1910)	1,908,0
	Philadelphia, U.S.A. (1910)	1,550,0
	Moscow, Russia (1909)	
	A108COW, A(18818 (1909)	1,481,0
	Osaka, Japan (1908)	1,227,0
	Rio de Janeiro, Brazil (1910)	1,130,0
	Buenos Aires, Argentina (1905)	1,026,0
1	Calcutta, India (rgrr)	1,233,0
3	Bombay, India (rgrr)	980,0
3	Hamburg, Germany (1910)	931,0
3	Budapest, Hungary (roxo)	880,0
	Birmingham, England (xqxx)	840,0
	Glasgow, Scotland (1911)	785,0
	Warsaw, Poland (1909)	781,0
	Liverpool, England (1911)	748,0
٠	Naples, Italy (1911)	723,0
3	Maples, Italy (1911)	743,0
)	Manchester, England (1911)	
3	St. Louis, U.S.A. (1910)	687,0
,	Boston, U.S.A. (1910)	671,0
ŝ	Cairo, Egypt (1907)	654,0
	Sydney, New South Wales (x9xx)	642,0
	Bangkok, Siam (1909)	630,0
	Milan, Italy (rorr)	599,9
	Madrid, Spain (1910)	598,0
	Munich, Bavaria (xoxo)	596,0
	Melbourne, Victoria (xgxx)	594,9
	Leipsic, Saxony (x9xo)	590,0
	Algiers, Algeria (1906)	590,0
	Barcelona, Spain (1910)	587,0
	Amsterdam, Netherlands (1909)	568,0
	Cleveland, U.S.A. (rozo)	561,0
	Concenhagen Downsell (see	559.0
	Copenhagen, Denmark (1911)	
	Baltimore, U.S.A. (1910)	558,0
	Marseilles, France (1911)	551,0
	Dresden, Saxony (1910)	548,0
	Rome, Italy (1911)	539,0
ì	Pittsburgh, U.S.A. (1910)	534,9
	Lyons, France (1911)	524,0
5	Madras, India (rgrr)	520,0
3	Cologne, Prussia (1910)	517,0
1	Breelen Prussia (rovo)	FY9.

Canton (China)	1,250,000
Peking (China)	1,000,000
Constantinople (Turkey)	1,000,000
lankow (China)	900,000
Cientsin (China)	850,000
Shanghai (China)	700,000
fontreal (Canada)	650,000
Suchow (China)	650,000
Chungking (China)	600,000

RELIGIONS OF THE WORLD.

Religion.	CONTINENTAL DISTRIBUTION.						
	Europe.	Asia.	Africa.	N. America.	S.America.	Oceania.	Total.
CHRISTIANS:— Catholic Churches: Roman Catholics Eastern Churches. Protestant Churches	183,760,000 98,000,000 93,000,000	17,200,000	3,800,000	1,000,000			E20,000,000
Total Christians	374,760,000	28,700,000	9,050,000	102,700,000	36,600,000	12,700,000	564,510,000
Non-Christians: Jews Muhammadans Buddhists Hindus Confucianists and Taoists Shiutoists Animists Unclassified	900 900 000	\$00,000 142,000,000 138,000,000 310,000,000 35,000,000 42,000,000 6,000,000	30,000	2.0	110,000	25,000 25,000,000 25,000 30,000 700,000 27,000,000	221,825,000 138,031,000 220,540,000 300,830,000 25,000,000 158,270,000
Total Non-Christian	14,050,000	863,500,000	149,871,000	10,235,000	1,400,000	42,925,000	000,1E0,180,1
TOTAL	388,510,000	892,200,000	158,921,000	112,935,000	38,000,000	55,625,000	1,646,491,000
DOUT OFFICE DAT	THEATO A	UDI BODAT	arro	myrm.	TOMOROW	Dornar	30

POST OFFICES		WAYS, T	ELEGE	APHS
	TELLE	RS, &c.		
	Miles	Miles of	Letters	
Country.	Railway.	Telegraph Line.	Head.	Post
U.S.A	255,000	250,000	Bo .	60,00
Russia				
Commence.	46,000	127,000	10	16,00
Germany	39,000	142,000	49	50,00
India	33,000	75,000	2	20,00
France	31,000	114,000	40	14,00
Canada	26,750	43,000	80	13,86
Austria-H	28,000	47,000	27	16,00
U.K	23,420	61,000	72	24,00
Australia	18,000	47,000	130	8.00
Argentina	20,000	38,000	40	3,00
	16,000	22,000	14	3,00
	14,000	38,000	ė	3,25
Italy	11,000	35,000	11	11,00
Spain	10,000	26,500	7	5,60
Japan	5,500	24,000	5	8.00
Switzerland	3,000	2,500	67	4.20
	670,000	1,360,000	0/	314,00
LIIO WOLIGHAM	0,000	1,300,000		314,00

The following table of approximate rates per

NATION	CENTS PER MILE.			
		and Class.		
British India			6.6	
(State)	2"2	1.20	1-2	
	2'72	1'72	1'14	
Germany (State) .	. 2.74	1.74	1,16	
Belgium (State)		1.08	1.19	
France (State)		a.3 ₆	1.24	
(Private) .	3.48	2.34	1'54	
Netherlands (State		2.48	1.66	
, (Private		2.20	1.68	
Italy (State) United Kingdom	3.10	3.23	1.03	
(Private)		3.18	1.48	

THE	LONG	EEST	BRIDGES.	

Name.	Country	Mile	e Vde
Tay	Scotland		73
	United States		,
Victoria	Canada		1,320
Forth	Scotland	. X	1,005
Missouri	United States	- X	784
Queensborough	United States		740
Williamsburgh	United States		676
Manhattan	United States	. I	520,
Susquehanna	United States		345
Brooklyn	United States	. x	245

SHIPPING OF THE WORLD.

In 1972 the various nations of the world postessed aggod occangeing steam vessels of postessed aggod occangeing steam vessels of gazgof occangeing steam vessels of aggods not tons. More than aggree cent. of this tonnage is under the Pritish flag, the next largest owners being the United States, the next largest owners being the United States, and the United States of the post largest owners being the United States, and Busins. From June 20, 1974, the Lands, Sweden, and Busins. From June 20, 1974, the College States of the United States of the United

THE GREATEST		
	Entered.	Cleared.
27 77 2 4	Tous.	Tons.
New York (1914)	15,767,547	15,421,394
Antwerp (1912)	13,205,550	13,149,144
Hamburg (1913)	14,241,894	14,496,623
Hong Kong (1913)	12,929,911	12,891,741
Rotterdam (rors)	11.638,000	6,537,000
London (1913)	11,558,541	9,022,020
Monte Video (1913)	10,647,111	10,526,830
Marseilles (1912)	7,850,221	6,898,507
Singapore (1911)	7,737,785	7,717,691
Cardiff (1913)	7,142,148	10,182,238
Liverpool (1913)	7.820,323	7,518,210
Colombo (1911)	7,074,152	7,073,170
Rio de Janeiro (1911)	5,212,753	5,198,784
Shanghai (1911)	4.183 528	4,155,152

OCEAN AREAS AND DEPTHS.
The greatest known Ocean Depth (in the Pacific, off Mindano, 3,406 feet) is not much limited by the property of the Cocan Great Managawa; but the mean depth of the Ocean Great State of the Mindagawa; but the mean depth of the Ocean Cocan Co

sew level is outh 5	,300 leet. :	THE TOHOWING	tan.
sea level is only a gives the areas of	the princip	pal oceans an	d sea
with the greatest	known dep	th of each :-	
	Oceans.		
Name.	Area of Basin (sq. miles).	Greatest De	
n 10	(sq. miles).		
Pacific	63,986,000	Off Mindanac	
			32,0
Atlantic	31,530,000	Porto Rico Tr	enc
			31,3
Indian	28,350,000	Sunda Trenci	h,
			22,9
Arctic	5,541,600	North Polar,	13.2
	Seas.		3,
Malay	3,137,000	Kei Trench,	
Central American		Caribbean, 20	E 1 60
Mediterranean		Dela Dean, 20	,500
Behring	1,145,000	Pola Deep, 1 Buldir Troug	2,270
Denring	878,000	Dulgir Trong	п,
Oliverter.	2	YT 11 10	£3:4
Okhotsk	582,000	Kurile Troug	h,
and the state of			10,5
East China,	- 480,000	about 10,500	
Hudson Bay	472,000	about 1,500	
	405,000	about 10,200	
Andaman ,	305,000	about 11,000	
North Sea	221,000	Skaggerak, x.	800
Red Sea	178,000	20° N., 7,254	99-
Baltic	¥58,000	about 12,000	
THE HI	GHEST MO	UNTAINS.	Heig
· Nome			
Rverest.	Hims		20.0
Kanchanganga 1	(K 2)		28,2
Godwin-Austen Kanchanganga	(K 2)		28,2
Kanchanganga l	(K 2)	23	28,2 28,1 27,8
Kanchanganga l	(K 2)	23	28,2 28,1 27,8 27,7
Makalu Tengri Khan	Thia	n Shan	28,2 28,1 27,8 27,7 24,0
Makalu Tengri Khan Chumalhari	Thia	n Shan	28,2 28,1 27,8 27,7 24,0 23,9
Makalu Tengri Khan Chumalhari Aconcagua	Thia Him	n Shan	28,2 28,1 27,8 27,7 24,0 23,9 23,9
Makalu	Thia Him Ande	n Shanalayasvia	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3
Makalu	Thia Him Ande	n Shan alayas	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4
Makalu Tengri Khan Chumalhari Aconcagua *Sahama. Illampa (Serata	Thia Him Ande Boli And	n Shan	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0
Makalu Tengri Khan Chumalhari Aconcagua *Sahama. Illampa (Serata	Thia Him Ande Boli And	n Shan malayas ses divia	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,8 22,4 21,0 20,4
Makalu	Thia Him Ande Boliv	n Shan	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0 20,4
Makalu	Thia Him Ande Boliv Ande	ii Shan alayas sas divia	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,8 22,3 21,4 21,0 20,4 20,2 19,6
Makalu	Thia Hing Ande Boli Ande	n Shan nalayas sa divis ces sa	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0 20,4 20,2 19,6 19,6
Makalu Tengri Khan Chumalhari Aconcagua *Sahama *Sahama. Hlampa (Serata Illimani Chimborazo Łullialluco *Cotepuxi Killima Njare Mount Lozan	Thia Hina Ande Boli Ando	n Shan alayas as a divide a di	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0 20,4 20,2 19,6 19,6
Makalu Tengri Khan Chumahlari Aconcagua *Sahama Illampa (Serata Illimani Chimborazo Jullialluco *Cotepui Kilina Njare Mount Logan Licanceur	Thia Hina Ande Boli's Ande Soli's Ande Gerr Rock Ande Gerr Rock	n Shan	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0 20,4 20,2 19,6 19,5
Makalu Tengri Khan Chumalhari Aconcagua *Sahama *Sahama. Hlampa (Serata Illimani Chimborazo Łullialluco *Cotepuxi Killima Njare Mount Lozan	Thia Hina Ande Boli's Ande Soli's Ande Gerr Rock Ande Gerr Rock	n Shan	28,2 28,1 27,8 27,7 24,0 23,9 22,8 22,3 21,4 21,0 20,4 20,2 19,6 19,5
Makalu." Tengri Khan Chumaihari Aconcagua *Sahama. Hlampa (Scrata; Illimani Chimborazo Lullalluco *Cotcpuxi Kilima Njare Mount Logan Licancaur *Mount Elias *Bunt Elias *Bunt Elias	Thia Hima And Boli And And Gerr Rock And Cancel Ca	n Shan alayas as a divide a di	28,2 28,1 27,7 24,0 23,9 22,8 22,3 21,4 20,4 20,2 19,6 19,5 19,5
Makalu." Tengri Khan Chumaihari Aconcagua *Sahama. Hlampa (Scrata; Illimani Chimborazo Lullalluco *Cotcpuxi Kilima Njare Mount Logan Licancaur *Mount Elias *Bunt Elias *Bunt Elias	Thia Hima And Boliv And Gerr Rock And Rock Cauc	n Shan alalyas ses dialayas dialay	28,228,132,23,44,023,23,44,022,23,44,022,23,44,022,23,44,022,24,04,022,04,04,04,04,04,04,04,04,04,04,04,04,04,
Makalu Tengri Khan Chumalhari Aconcagua *Sahama Hlampa (Serata Hlampa (Serata Hlimani Chimborazo Lullialluco *Cotepus Kilima Njaro Mount Logan Licancaur *Mount Elias Elburg Demayend	Thia Hima And Boliv And Gerr Rock And Rock Cauc	n Shan alalyas ses dialayas dialay	28,228,128,27,88,27,87,24,00 23,48,22,33,22,44,00 20,44,20,20,44,20,20,44,20,20,44,20,45,45,45,45,45,45,45,45,45,45,45,45,45,
Makalu". Tengri Khan Chumaihari Aconcagua *Sahama Illampa (Serata Illimani Chimborazo Lullialluco *Cotepui Kilima Njare Mount Logan Licancaur *Mount Elias Elburg Demayend Tolima	Thia Him Ande Boli) Ande """ Aud Gerr Roes Ande Roe Cauc	n Shan hlayas	28,228,128,27,88,27,87,27,47,20,23,98,22,3,321,422,420,221,9,619,5219,5218,5318,4318,3318,4318,4
Makalu.'' Tengri Khan Tengri Khan Aooncagua Sahama Hlampa (Serata, Illiman) Collimborazo Liliman Collimborazo Kilima Njaro Kotephi Kilina Njaro Mount Logan Licancaur Mount Rilisa Elburg Demayeud Tolima El Potra	Thia Hinn And Boli And Gerr Rock And Card And And And And And	n Shan lalayas	28,2 28,1 27,8 27,7 24,0 23,9 22,3 21,4 20,2 20,4 20,5 19,5 18,5 18,5 18,5 18,5
Makalu". Tengri Khan Tengri Khan Tengri Khan Tengri Khan Tengri Khan Tengri Khan Aconcagua **Sahama Tilampa (Serata Hilimani Thimani Thimani **Chimboraze Lullialluo **Cotrp vi Kilima Njara Mount Logan Licancaur **Mount Elias Elburg Demayend Tolima El Potra Tolima El Potra Tolma El Potra Tolma	Thia Him Ande Boli Ande Gerr Roek Ande Gerr Rock Ande Ande Rock Cauc	n Shan nalayas na sa	28,2 28,1 27,8 27,7 24,0 23,9 22,3 22,4 20,2 20,4 20,5 19,5 18,5 18,5 18,5 18,5 18,5 18,5 18,5
Makalu." Tengri Khau Tengri Khau Chumahari Aconcagua Aconcagua Hilampa (Serata Illimani Chimboraso Jaillalluoo Cottpyxi Kilima Njaro Mount Logan Licancaur Mount Eines Elburg Demayeur Tolima El Potra El Potra Njaro Njaro Mount Mayao Mount Mayao Mount Milian Elburg Elburg Elburg Homareur Tolima El Potra Hirotapar Popocadent	Thia Hinn And Boll And Ger Roce Cauc Cord And And Roce Cauc	13 Shan lalayas sa s	28,2 28,1 27,8 27,7 24,0 23,9 22,3 22,3 22,0 20,4 20,5 19,5 19,5 19,5 18,5 18,5 18,5 18,5 18,5 18,5 18,5
Makalu." Tengri Khau Tengri Khau Chumahari Aconcagua Aconcagua Hilampa (Serata Illimani Chimboraso Jaillalluoo Cottpyxi Kilima Njaro Mount Logan Licancaur Mount Eines Elburg Demayeur Tolima El Potra El Potra Njaro Njaro Mount Mayao Mount Mayao Mount Milian Elburg Elburg Elburg Homareur Tolima El Potra Hirotapar Popocadent	Thia Hinn And Boll And Ger Roce Cauc Cord And And Roce Cauc	13 Shan lalayas sa s	28,2 28,1 27,8 27,7 24,0 23,9 22,3 22,0 20,4 20,2 19,6 19,5 19,5 18,5 18,5 18,7 18,7 18,7
Makal." Tengri Khau Tengri Kha	Tbia Hims Ande Boli Ande Orr Aude Gerr Rook Ande Caue Cord Ande New Mex.	in Shan lalayas as as a same as a sa	28,2 28,1 27,6 24,0 23,6 22,3 22,4 20,2 20,4 20,5 19,6 19,5 18,6 18,6 18,6 18,6 18,6 17,5 17,5
Makalu." Tengri Khan Tengri Khan Chumahari Aconcagua Aconcagua Hilampa (Serata Hilimani Chimboraso Lullialluto Cottpixi Kilima Njaro Mount Logan Licancaur Mount Eina Elburg Bemaveni Tolima Er Potra Hilampa Frotra Woopeatepetl Maipo Citlattepetl *Sangay	Tbia Hims Ande Boli Ande Orr Aude Gerr Rook Ande Caue Cord Ande New Mex.	in Shan lalayas as as a same as a sa	28,2 28,1 27,8 27,8 27,7 24,0 22,3 22,4 22,0 20,2 19,5 19,5 18,5 18,6 17,4 18,7 17,4 17,1
Makalu". Tengri Khau Tengri Khau Tengri Khau Aconcagua. *Sahana. Illampa (Serafa Illimma (Serafa Illimma) Cohimboraze Lullialluco *Cotepui Kilima Njaro Mount Jogan Mount Elias *Mount Elias Elburg Demayend Tolima El Potra Charles Louis *Popocatepetl Maipo Guadropetl Maipo Charles Louis *Ropocatepetl Maipo Charles Louis *Ropocatepetl Maipo Charles Louis *Ropocatepetl Charles Louis *Ropocatepet	Thia Himman Ande Ande Ande Ande Ande Ande Ande And	in Shan alayas a	28,2 28,1 27,8 27,8 24,0 24,0 22,3 22,4 20,2 20,2 19,6 19,5 18,5 18,6 17,4 17,3 17,4 17,3 17,7
Makali" Tengri Khan Chumaihari Aconcagua *Sahama Hlampa (Sorata Hlimpa (Sorata Hount Logar Licanceur *Mount Logar Licanceur *Mount Elias Elburg *Jolima Tolima Tolima Tolima Tolima *Tolima	Thia Hinn Ande Boli's Ande Rock Ande Rock Cauc Cord Ande New Mex Ande Mex Ecu	n Shan hinyas hi	28,2 28,1 27,7 24,7 24,7 22,3 22,3 22,3 22,4 21,9 20,4 20,5 19,5 18,5 18,6 17,7 17,7 17,7 17,7 17,7 17,7 17,7 17
Makati" Tengri Khan Chumalhari Aconcagua	Thia Hina Hina Hina Hina Hina Hina Hina Hi	13 13 13 13 13 13 13 13 13 13 13 13 13 1	28,2 28,1 27,7 24,0 24,0 22,3 22,4 22,0 22,5 19,5 19,5 18,4 18,3 18,0 17,4 17,5 17,5 17,5 17,5 17,5 17,5 17,5 17,5
Makatu' Tengri Khan Chumahari Aconcagua Sahama. Chumahari Aconcagua Sahama. Chimboraso Lullialiuo Chimboraso Lullialiuo Gotputi in Mount Logan Licancaur Mount Ligan Elburg Blburg Charles Louis Flopocatepeti Citaltepeti Gitlattepeti Sangay Koshtan Tan Ararat	Thia Hinn Ande Boli's Ande Boli's Ande Soli's Ande Gerra Rock Ande Rock Cauc Cord Ande Mex Mex Ande Mex Cauc Cauc Cauc Cauc Cauc Cauc Cauc Cauc	13 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	28,2 28,1 27,7 23,9 22,4 20,2 20,2 20,2 20,2 20,2 19,5 19,5 18,5 18,6 17,4 17,7 17,7 17,7 17,7 17,7 17,7 17,7
Makati" Tengri Khan Chumalhari Aconcagua	Thia Hinn Ande Boli's Ande Boli's Ande Soli's Ande Gerra Rock Ande Rock Cauc Cord Ande Mex Mex Ande Mex Cauc Cauc Cauc Cauc Cauc Cauc Cauc Cauc	13 13 13 13 13 13 13 13 13 13 13 13 13 1	28,2 28,1 27,7 24,0 24,0 22,3 22,4 22,0 22,5 19,5 19,5 18,4 18,3 18,0 17,4 17,5 17,5 17,5 17,5 17,5 17,5 17,5 17,5

Volcanose. In addition to those marked, Vesurius, Erobas and Terror in the Antartic. Ricela and Skaptar Jokul in Iceland, Mauna Loa. Rea and Huslalia in Hawai, Tomboro in sigun, and be Souffrier and Le Pelei in the West Indica.

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THE MANUAL AVERAGE	Aren in
	. Miles.
Greenland (Danish) Aretic	827,300
	330,000
Borneo (Anglo-Netherlands)	280,000
Baffin Land (British) Arctic	236,000
Madagascar (French) Indian	228,000
	150,000
Great Britain Atlantic.	88,603
Honshiu (Japan) Pacific	87,500
Celébes (Netherlands) Indian	72,000
Prioce Albert, &c. (British) Arctic South Island, N.Z. (British) Pacific Java (Netherlands) Indian	60,000
South Island, N.Z. (British) Pacific	58,500
Java (Netherlands) Indian	48,400
North Island, N.Z. (British) Pacific Cuba (Independent)	44,500
Cubs (Independent) Atlantic.	44,000
Luzon (U.S.A.) Pacific	41,000
Newfoundland (British) Atlantic.	40,200
Iceland (Danish)	40,000
Ellesmere (British) Arctic	40,000
Mindanao (U.S.A.) Pacific	37,000
	36,500
Ireland (U.K.) Atlantic.	32,600
Novaya Zemlya (Russian) Arctic	30,000
Sakhalin (Russo-Japanese) Pacific	20,100
Haiti (Independent) Atlantic.	28,200
Tasmania (British) Pacific	26,215
Ceylon (British) Indian	25,400
Banks (British) Arctic	25,000
	24,000
Vancouver (British)	20,000
Melville Land (British) Arctic	20,000
Tierra del Fuego (Argentine) . Atlantic.	18,500
Southampton (British) Arctic	17,800
WestSpitzbergen(No Man's Land)	15,260
	15,000
Formosa (Japanese) Pacific	13,500
North Somerset (British) Arctio	12,000
Sicily (Italian) Medit	10,000
THE LONGEST RIVERS.+	10,000
THE LONGEST RIVERS.†	Y
River. Outflow.	Length
Amazon Atlantic	4,000
NileMediterranean	3,600
YangtseNorth Pacific	3,400
YeniseiArctic Sea	3,300
MississippiGulf of Mexico	3,300
Missouri Mississippi River	3,000
CongoAtlantic	3,000
Lena Arctic Sea.	3,000
Niger Gulf of Guinea	3,000
Obi Arctic Sea.	2,700
Hoangho North Pacific	
Amm	2,600
Volga('aspian Sea	
Maybonnia Regulant Sea	2,400
Mackenzie Beaufort Sea	2,300

Danube		2,72
Euphrates	Persian Gulf	1.70
Indus	Arabian Sea	1.70
Brahmaputra	Bay of Bengal	1,68
	Mogambique	1,60
Ganges	Bay of Bengal	1,50
Mekong	China Sea	1,50
Amu Daria	Aral Sea	X,30
	Mississippi River	1,28
+ The most form	ous river falls are Nigogra, l	
the Province of O	ntario and New York State,	

the Province of Ontario and New York State, on the Province of Ontario and New York State, on the Mercod River in the Mercod R

THE WORLD'S PRODUCTS.

Product.	Total .	Leading Producers.
Florace	Production.	
WHEAT (1912) qr. of 480 lb.	452,200,000	Russia, 90 million qrs.
,	42-10-10-0	U.S., 87; India, 45; France, 40; Canada, 27;
		U.S., 87; India, 45; France, 40; Canada, 27; Hungary, 23; Italy, 21'5; Argentine, 21. Russia, 55'5 million qrs.
BARLEY (1912)qr. of 400 lb.	182,500,000	Russia, 55'5 million qrs.
0		U.S., 28; Germany, 18; Japan, 11'5; Hungary, 9.
OATS (1912)qr. of 304 lb.	478,000,000	U.S., 141 million grs.
		Canada ag. H K ag. Anothio ad
MAEZE (1913)qr. of 480 lb.	486,000,000	Russia, 112; Germany, 58'5; France, 39'5; Canada, 38: U.K., 18; Austria, 15. U.S., 370 million qrs.
	400,000,000	Argentina, 20; Hungary, 21's; Italy, 11;
		Argentina, 32; Hungary, 21'5; Italy, 21; Rumania, 20'3.
RYE (1912)qr. of 480 lb.	224,000,000	Russia, 121 million grs.
		Germany, 51; Austria, 13'5; Hungary, 6'5; France, 6; U.S., 4'2.
Hops (1911)		U.S., 40 million lb.
Livro (1911)	147,500,000	U.K., 367; Germany, 23'4; Austria-H., 23'2;
		Russia, 10'5.
CANE SUGAR (1911-12)tons	0.000,000	India 2 200 000 tons
		Cuba, 1,850,000; Java, 1,395,000; Hawaii, 535,000;
		Cuha, 1,850,000; Java, 1,395,000; Hawaii, 535,000; U.S., 324,000; Porto Rico, 320,000; Brazil,
BEET SUGAR (1911-12)tons	6,800,000	
		Germany, 1,457,000; Austria-H., 1,154,000; U.S., 541,000; France, 515,000; Netherlands, 251,000;
		Belgium, 240,000.
RICE (1910)	T00 000 000	India, 89,000,000.
	190,000,000	China, 55,000,000; Japan, 15,000,000.
WINE (1911)gallons	3,250,000,000	France, 1,000,000,000 gallons.
		Italy, 950,000,000; Spain, 370,000,000; Algeria,
BEER (1911)gallons		a00,000,000; Russia, 100,000,000. U.S., 1,650,000,000 gallous.
DEER (1911)ganous	7,200,000,000	Germany, 1,500,000,000; U.K., 1,300,000,000;
		Austria-H., 565,000,000; France, 400,000,000.
COFFEE (1911)	2,000,000,000	Brazil, 1,500,000,000.
TEA (1911)lb.	850,000,000	India, 270,000,000 lb.
		China (exports), 210,000,000; Ceylon, 190,000,000;
COCOA (xqxx)tons		Japan (exports), 56,000,000.
COCOA (rgir)tons	250,000	Brazil, 39,000; Gold Coast, 35,000; Sao Thome,
		22.000 : Trinidad, 24.000.
TOBACCO (1910)	3.755.000,000	Brazil, 39,000; Gold Cosst, 35,000; Sao Thomé, 33,000; Trinidad, 24,000. U.S., 1,113,400,000.
		India, 450,000,000; Russia, 200,000,000; Austria- Hungary, 184,000,000; Netherlands' East
		Hungary, 184,000,000; Netherlands' East
COTTON (1912)bales of 500 lb.		Indies, 128,600,000; Japan, 93,000,000. U.S., 14,885,000 bales.
COTTON (1912) Dates of 500 to.	22,500,000	India, 3,442,000; Russia, 2,000,000; Egypt,
		1,500,000.
WOOL (1912)	3,000,000,000	Australasia See oon oon lb
		Argentina, 415,000,000; Russia, 380,000,000; U.S., 322,000,000; U.K., 145,000,000; Uruguay, 130,000,000; South Africa, 112,000,000.
		U.S., 322,000,000; U.K., 145,000,000; Uruguay,
Ort P (sees)		130,000,000; SOUTH AITICA, 112,000,000.
SILK (1912)lb.	57,000,000	Japan, 21,200,000 lb. China, 14,500,000; Italy, 10,000,000; Turkey,
		5,000,000; France, 1,200,000.
RUBBER (1911)tons	88,000	Brazil, 40,000.
		West Africa, 15,000.
GOLD (1911)fine oz.	22,527,000	Transmal 8 250 000 07.
		U.S., 4,700,000; Australasia, 2,900,000; Mexico, 1,420,000; Russia, 1,200,000.
SILVER (1911)	252,000,000	1,420,000; MUSSIA, 1,200,000. * Mexico, 88,000,000 OZ.
TETER (AMELIAN	252,000,000	II S #8 con con : Canada 22 con con : Australasia.
		U.S., 58,000,000; Canada, 33,500,000; Australasia, 17,000,000; Germany, 14,150,000. U.S., 20,600 long tons. France, 10,600 tons; U.K., 7,180 tons.
ALUMINIUM (1911), tons of 2,240 lb.	43,500	U.S., 20,600 long tons.
		France, ro,600 tons; U.K., 7,x80 tons.
TIN (1912)tons of 2,240 lb.	105,000	Straits Settlements, 53,700 tons. Bolivia, zz,000 tons; Netherlands' East Indies,
COPPER (rgrr)tons of 2,240 lb.	855,000	II-S 482 are long tone
(1911) 1110/10 01 2,240 10.	933,900	U.S., 483,750 long tons. Mexico, 61,000; Spain and Portugal, 52,000;
		Mexico, 61,000; Spain and Portugal, 52,000; Japan, 51,000; Australasia, 42,000 tons.

THE HOLLING THOUSAND					
Product.	Total Production,	Leading Producers,			
LEAD (1911)tons of 2,240 lb.	968,000	U.S., 358,000 long tons. Spain, 168,250; Germany, 158,750; Mexico,			
ZINC (1911)tons of 2,240 lb.	862,700	U.S., 241,290 long tons Germany, 232,250; Belgium, 181,880.			
IRON ORE (1911) tons of 2,240 lb.	134,150,000	U.S., 41,000,000 long tons. Germany and Luxemburg, 29,450,000; France, 15,036; U.K., 15,520,000.			
PIG IRON (1911)tons of 2,240 lb.	65,000,000	U.S., 23,650,000 long tens. Germany and Luxemburg, 15,325,000; U.K.			
STEEL (1911)tons of 2,240 lb.	60,000,000	9,720,000. U.S., 23,700,000 long tons. Germany, 14,800,000; U.K., 6,500,000.			
COAL (1911)tons of 2,240 lb.	1,052,880,000	U.S., 443,025,000 long tons. U.K., 271,900,000; Germany, 158,164,000; France, 38,023,000.			
PETROLEUM (1910)barrels of 42 gallons	327,500,000	U.S., 209,560,000 barrels. Russia, 70,340,000; Galicia, 12,675,000; Nether lands' India, 11,100,000; Rumania, 9,723,000.			

THE GREAT TRADING NATIONS, YOU

	Imports		Exports.		TOTAL TRADE f		
Country.	General.	Special.	Import Duties Collected.	General.	Special.	General.	. Special.
	£	£	£	£	£	£.	£
United Kingdom	060,158,000	577,398,000	35,550,000	550,878,000	454,119,000	1,237,036,000	
: German Empire.	1510,604,000	477,212,000	38,304,000	431,383,000	1398,550,000	942,077,000	875,762,000
United States	318,172,000	318,132,000	54.575,000	426,942,000	419,489,000	745,114,000	737,611,000
France	1302,306,000	322,632,000	20.807,000	320,488,000	243,076,000	712,884,000	555,708,000
· Netherlands	05-105-1	276,317,000			226,132,000		502,449,000
Belgium		180,330,000		235,171,000		507.426,000	323,553,000
India (1011-12)	2,2,25,000	131,685,000	6 600 000		154.825.000	30)111101000	286,510,000
Russia (1910)		114,469,000			152,959,000		267,428,000
							233,167,000
Austria-Hungary		132,988,000			100,179,000		
Italy		134,324,000	13,073,000	***	86,772,000		221,096,000
, Canada		111,864,000	17,317,000	63,063,000	61,543,000		174,927,000
Australia		66,967,000	14,000,000		79,482,000		146,449,000
Argentina		72,262,000	15,505,000		64,040,000		138,302,000
Switzerland		73,754,000			51,554,000		125,308,000
Brazil		2317341-00	15,360,000		3-13541	119,784,000	
China			1,081,000	52,193,000	50,705,000		
Japan				48,068,000	46,568,000	103,515,000	
. nathan	54,447,000	53,906,000	4,472,000	40,000,000	40,500,000	102,515,000	200,474,000

The United States adopted standard time in 1883, on the initiative of the American Railway Association, and a hono of 18 Nov., 1853, the telegraphic time signals sent out daily from mentions of the American Railway Association, and a hono of 18 Nov., 1853, the telegraphic time signals sent out daily from mendiana of 25, 29, 125 and 128 west from Greenwich became the time meridiana of Eastern, Noturian, and Pacific standard time respectively.

Theoretically, the divisious should be half way between the above meridians, but for general Theoretically, the divisious should be half way between the above meridians, but for general

Almost all countries throughout the world use standard time based on the meridians 15° apart from Greenwich, while some use standard time based on the longitude of their national

THE NOBEL PRIZES.

THE Nobel Prizes are awarded each year from authorities are the Swedish Academy of Science the income of a fund bequeathed to trustees for —(a) Physics, (b) Chemistry; the Stockholm distribution to those who have contributed most Faculty of Medicine—(c) Medicine of Physiology: largely to the common good, and is divided into five shares, which are devoted to worker into domains of (a) Physics, (b) Chemistry, (c) Med-cine or Physiology, (d) Literature, and (e) the Preservation of Peace. The testator was the Swedish scientist Alfred Nobel, the inventor of

owening selfentar Airced Notes, the inventor of above named. The Swedish Government appoints a fortune of about £ 17,20,000. The first awards consenting conditions, do a new the first wave distributed on the fifth anniversary of the Board of Directors of the Nobel Institute Nobel's death, Dec. 10, per. The awarding (Nobelshiteless Styrice 7), Stockholm, Sweden.

LIST OF AWARDS (Value about £8,000 each).

		The or it is in the same	o (and dode)	gojooo cacii).	
Year.	(a) Parsics.	(б) Снанізтач.	(c) MEDICINE OF PHYSIOLOGY.	(d) Literature.	(e) Parca,
rgor	W. G. Röntgen	J. H. van't Hoff	E. A. von Behring	R. F. A. Sully-	(H. Dunant. F. Passy.
1902	H. A. Lorentz	E. Fischer . {	Sir R. Ross, }	T. Mommsen	E. Ducommun.
,1303	(H. A. Becquerei) M. & Mme. Curie)	S. A. Arrhenius	N. R. Finsen	B. Björnson	Sir W. R. Cremer.
1904	Lord Rayleigh	Sir W. Ramsay	I. Pavlow	(F. Mistral (J. Echegaray	Inst. of Int. Law.
1905	P. Lenard	A. von Baeyer	R. Koch	H. Sienkiewicz	Bss. von Suttner
1906	Prof. J. J. Thomson	H. Moissan	{R. y Cajal {Prof. Golgi}	G. Carducci	T. Roosevelt.
1907	{Prof. A. A. }	E. Buchner	A. Laveran	R. Kipling	E. T. Moneta.
1908	G. Lippman	E. Rutherford	P. Ehrlich E. Metchnikoff	R. Eucken	K. P. Arnoldson. F. Bajer.
1909	(Signor Marconi)	W. Ostwald	T. Kocher	S. Lagerlöf	Bn. de Constant.
1910	J. D. van der Waals	O. Wallach	A. Kossel	P. Heyse	Berne Intl. Peace
1911	W. Wien	Mme. Curie	A. Gullstrand	M. Maeterlinck	T. M. C. Asser.
1912	G. Dalén	Prof. Grignard Prof. Sahatier	A. Carrel	G. Hauptmann	Elihu Root.
	Prof. Onnes	A. Werner	C. Richet	(Rabindranath)	H. La Fontaine.
1913	TION OBUCO			Tagore (Tr. Tre Tontenine.
1913	Prof. M. von Laue		Robert Barany	t Tagore / (Noother awards—	
		Prof. Richards	Robert Barany	(Noother awards-	owing to the War.)
1914	Prof. M. von Laue	Prof. Richards		(Noother awards-	owing to the War.)
Alban, Albuq Allian Atland Atland Aduqus Baltin Bisma Boisé, Boston Bristo Bristo Buffal Burlin Butte. Cape 2 Carsor Charle Charle Charle Charle Chicage	Prof. M. von Laue DISTANCES 7	Prof. Richards FROM NEW Y Cities. Concord, N. H. Concord, N. H. Concord, N. G. Construction of the concord of t	DEK TO CITIES Miles Cities. 368 Manchester, 768 Memphis, Tc 80 Meridian, M. 908 Milwaker 199 Montpeller, 199 Pundledon, 199 Pundledon, 199 Pundledon, 199 Prescott, Ar 199 Portland, M. 199 Prescott, Ar 199 Prescott, Ar 199 Prescott, Ar 198 Portland, M. 199 Prescott, Ar 198 Portland, M. 199 Prescott, Ar 198 Portland, M. 198 Portland, M. 198 Portland, M. 199 Prescott, Ar 198 Portland, M. 198 Portland	Mother awards	owing to the War.)

THE WORLD BY NATIONALITIES.

In	Order of Populatio	ns.	In Order of Areas.		
Population:	Nationality.	Area (Sq. Miles).	Area (Sq. Miles).	Territory,	Population.
	Date .			Great Britain and Colonies	
421,000,000	British		8,380,000	Russian Empire	421,000,000
166,000,000	Russian	8,380,000		France and Colonies	90,000,000
102,000,000	U.S.A	3,745,000	4,779,000	Chinese Republic	400,000,000
00,000,000	French	4,770,000	3,745,000	Chinese Republic U.S.A. and Dependencies	102,000,000
78,000,000	German	1,238,000	3,300,000	Brazil	22,000,000
68,000,000	Japanese	236,000	1,300,000	Egypt and Sudan	14,000,000
52,000,000	Austrian	261,000	1,238,000	Germany and Colonies	
44,000,000	Dutch		1,224,000	Italy and Colonies	36,000,000
36,000,000	Italian Turkish	700,000	1,132,000	Argentine Republic	7,250,000
25,000,000	Belgian	814,000	872,000	Arabia	3,000,000
22,000,000	Brazilian	3,300,000	814,000	Belgium and Colonies	23,000,000
20,000,000	Spanish	281.000	800,000	Netherlands and Colonies .	44,000,000
16,000,000	Portuguese	872,000	768,000	Mexico	15,000,000
15,000,000	Mexican	768,000	700,000	Turkey	25,000,000
14,000,000	Egyptian	1,300,000	680,000	Peru	3,500,000
10,000,000	Persian	630,000	630,000	Persia	10,000,000
7,500,000	Abyssinian		567,500	Bolivia	2,200,000
7,250,000	Argentine		435,500	Colombia	
7,000,000	Rumanian Moorish	53,000	400,000 363,700	Abyssinia	7,500,000
6,500,000	Siamese	314,000 178,000	303,700	Morocco	6,500,000
5,500,000	Swedish	. 173,000	300,000	Chile	3,500,000
5,000,000	Greek	43,500	281,000	Spain and Colonies	20,000,000
5,000,000	Afghan	245,000	261,000	Austria-Hungary	
4,500,000	Bulgarian	42,000	245,000	Afghanistan	5,000,000
4,300,000	Colombian	435.500	236,000	Japan	68,000,000
4,000,000	Nepalese	54,000	178,000	Siam	
3,750,000	Swiss	15:500	173,000	Sweden	
3,500,000	Chilean Peruvian	300,000	124,400	Norway	2,500,000
3,500,000	Danish	106.000	110,000	Beuador Denmark and Colonies	1,300,000
3,000,000		34,500	97,700	Paraguay	3,000,000
3,000,000	Serbian	900,000	81,000	Oman	500,000
2,750,000	Venezuelan	363,700	72,200	Urugusy	1,700,000
2,500,000	Norwegian	124,400	54,000	Nepal	4,000,000
2,200,000	Bolivian	567,500	53,000	Rumania	7,000,000
2,100,000	Cubah	44,200	51,700	Nicaragua	600,000
2,000,000	Albanian	10,000	47,500	Guatemala	
2,000,000	Guatemalan	47,500 41,000	44,200	Cuba	2,100,000
2,000,000	Salvadorian	7,230	43,500 42,700	Honduras	5,000,000
1,300,000	Ecuadorian	116,600	42,000	Bulgaria	4,500,000
1,100,000	Uruguayan	72,300	41,000	Liberia	2,000,000
1,000,000	Haitian	10,200	34,500	Serbia	3,000,000
800,000	Paraguayan	97,700	31,900	Panama	400,000
700,000	Dominican	18,750	20,000	Bhutan	
600,000	Nicaraguan	51,700	18,750	San Domingo	700,000
550,000	Honduras	42,700	18,700	Costa Rica	
500,000	Omanese Bhutanese	81,000	15,500	Switzerland	3,750,000
400,000	Panama	31,900	10,000	Haiti	
400,000	Costa Rican	18,700	7,230	Salvador	1,700,000
260,000	Luxemburgers	999	3,500	Montenegro	230,000
220,000	Montenegrins	3,500	909	Luxemburg	250,000
20,000	Monagasque	- Z	175	Andorra	6,000
11,000	San Marino	33	61		9,000
9,000	Liechtensteiners		33	San Marino Monaco	11,000
6,000	Andorrans	175			, 20,000

A TABLE OF EUROPEAN SOVEREIGNS.

DATE		

BY DATE BIRTH.

Sorereign.	Acceled.	Age at Time.	Sovereign.	Born.	Age x Nov. 191
					Y. M. I
AustriaEmperor		18	AustriaEmperor .	1830	85 2 1
LiechtensteinPrince		18	LiechtensteinPrince	1840	75 0 2
Montenegro		19	MontenegroKing	. 1841	74 0 2
Saxe-Meiningen Duke		63	SerbiaKing	. IB44	71 3 2
SpainKing	1885		TurkeySultan	. 1844	70 11 2
BulgariaKing	1887	26	BavariaKing	. 1845	70 9 2 67 8
Germany Emperor		29	WürttembergKing	. 2848	
MonacoPrince		41	MonacoPrince	. 1848	66 II I
SchwartzburgPrince		38	Saze-Meiningen Duke	. 1851	63 7
NetherlandsQueen		IO	SchwartzburgPrince	. 1852	63 2 1
WürttemburgKing		43-	OldenburgGrand Duke	1852	62 II I
HesseGrand Duke	1893	23	Rome	. 1854	fo II I
WaldeckPrince	1893	28	AnhaltDuke		59 2 I
RussiaTsar	1894	26	BadenGrand Duke	1857	58 3 2
Mecklenberg-Schwerin			SwedenKing	. 1858	57 4 x
. Grand Duke	1897	15	Reuss (Younger) Prince	. 1858	56 II 2
OldenburgGrand Duke	1000	47	GermanyEmperor	. 1859	55 9
ItalyKing	1900	30	BulgariaKing	. x86x	54 8
Saxe-CobingDuke	TQOO	16	WaldeckPrince	. x865	50 9 I
Saxe-WeimarGrand Duke	Igor	- 24	SazonyKing	2865	50 5
Reuss (Elder) Prince	1902	24	Great Britain King	. 1865	50 4 2
SerbiaKing	1903	-40	RumaniaKing	. 1914	50 2 2
RomePope	1903	59 68	RussiaTear	. 2868	47 5 x
Anhalt Duke	1904	47	GreeceKing	. x868	47 2 2
RumaniaKing	1914	49	HesseGrand Duke	186o	46 II
Mecklenberg - Strelitz	7.		ItalyKing	1869	45 II 20
Grand Duke	1914	32	DemmarkKing		45 I
SaxonyKing	1904	39	LippePrince	. 1871	44 5
LippsPrince	1905	34	Saxe-Altenburg Duke	. 1871	44 2 0
NorwayKing	1905	33	NorwayKing	. 1872	43 2 2
BadenGrand Duke	1907	50	BelgiumKing	1875	40 6 2
SwedenKing	1907	49	Saxe-Wéimar Grand Duke	1876	39 4 2
Saxe-Altenburg Duke	1908		Reuss (Elder) Prince	., 1878	37 7 X
TurkeySultan	1909	37 64	NetherlandsQueen	1880	35 2 0
BelgiumKing	1000	34	Mecklenberg-Schwerin		35 - 1
Great BritainKing	1910	44	Grand Duke	1882	33 6 25
Schaumburg-Lipps Prince	IQII	28	Mecklenberg - Strelitz	TOUR.	22 0 20
LuxemburgGd. Duchess	1913	18	Grand Duke	1914	
BenmarkKing	1912	42	Schaumburg-Lippe Prince	. 1883	32 8 8
GreeceKing	1013	44	Saxe-CoburgDuke	. 1884	
Reuss (Younger) Prince		54	SpainKing	1886	31 3 H
Brunswick Duke	1013		Brunswick Duke	1887	29 5 II
BavariaKing		25 68	LuxemburgGd. Duchess		
David Co	1913	-	zazonowymGu. Duchess	1094	21 4 17

^{*} King Alphonso acceded at birth, being a posthumous son.

and the same of th

	OF ROME.	
Adrian IV. (Nicholas Brakespeare, the only	Pius VIBra	schi rees
Englishman elected Pope; born at St.	Pius VII,Chi	gramonti 1800
Albans; died Sept., 1150) 1	54 Leo XIIdell	a Genga 1823
Innocent XIII,Conti	at Pius VIII	tiglioni 1820
Benedict XIIIOrsini 1	24 Gregory XVLCap	pellari 1831
Clement XIICorsini I	30 Pius IXMas	tai-Ferretti 1846
Benedict XIVLambertini z	40 Leo XIILPeo	ci 1878
Clement XIIIRezzonico 1	58 Pius XSart	O 1903
Clement XIVGanganelli 1	60 Benedict XVdella Chies	A(h. av Nov., r8ca) rove

THE HAGUE TRIBUNAL.

PERMANENT COURT OF ARBITRATION.

True Permanent Court of Arbitration of the Hague consists of representatives nominated by the Governments of 44 Nations (not more than four representatives from each)**; and in the event of the Court being called upon to hear a suit, it is necessary for the contending parties (n) to agrie upon the subject-matter of dispute, (b) to appoint arbitrators and, if necessary, an umpire, (c) to submit the case through commel or agents. The Court meets at the Palace of Peace at the Hague, opened in 1913, the building having been creeted mainly at the expense of Andrew Carnegie, and each of the nations interested having

DECISIONS OF THE COURT.

1909. U.S. r. Mexico (Pious Funds); 1904. (reditor Nations r. Venezuela (Preferential Chimis); 1905. United Kingdom, France and Germany «. Japan (Perpetual Lease); 1909. Germany ». France (Casablauca deserters); 1905. United Kingdom r. France (Muscat dhows); 1909. Norway r. Sweden (Maritime Boundary); 1910. U.S. r. United Kingdom (North Atlantie Fisheries); 1910. U.S. r. Venezuela (Orinoco S.S. Company); 1917, France r. U.K. (Savarkar incident); 1912, Italy r. Peru (Canevaro claim); 1913, Russin r. Turkey (arrears of interest); 1913, France r. Italy (scienter of as. Carthage and Manosho). Cases penuling: United Kingdom, France and Spain r. Portugal (contested religious goods); France r. Peru (claims Franch ter iltors).

OFFICERS OF THE COURT

Secretary-General, Baron Michiels van Verduynen. First Secretary, Jonkheer W. Röell.

President of the Administrative Council, The Netherlands Minister of Foreign Affair

President of the Administrative Council, The N	letherlands Minister of Foreign Affairs.
MEMBERS OF THE COURT.	Rulgaria.
The Court consists of the following members	Dimitri Stancioff 23 July, 1901
(with date of appointment) :-	Nicolas Ghénadieff 23 July, 1913
United States of America.	Chile,
Hon. George Gray 11 Oct., 1900	Carlos Concha
Oscar S. Straus	Miguel Cruchaga 17 Oct., 1007
Hon, Elihu Root 15 Dec., 1910	Manuel Alejandro Alvarez 17 Oct., 1907
Hon. John Bassett Moore 27 Nov., 1912	Eliodoro Yanez 31 May, 1913
Argentine Republic.	. Ohina.
Estanislas S. Zeballos 6 July, 1907	Wu Ting-fang 4 April, 2905
Luis Maria Drago 6 July, 1907	Hoo Wei-teh 20 April, 1910
Carlos Rodriguez Larreta 6 July, 1907	Liqu She-shun
Joaquin V. Gonzalez 17 Oct., 1910	
Austria-Hungary.	Colombia.
Henri Lammasch 4 Dec., 1900	General Jorge Holguin 26 Mar., 1908 General Marceliano Vargas 26 Mar., 1908
Albert de Berzeviczy 28 Oct., 1902	Marcelino Hurtado 26 Mar., 1908
Baron Ernest de Plener 26 Feb., 1909	Felipe Diaz Erazo 26 Mar., 1908
Dr. Franz de Nágy 4 Dec., 1912	Cubs.
Belgium,	
Baron Descamps 6 Oct., 1900	Antonio Sanchez de Bustamante zz Jan., 1908
Ernest Nijs	Manuel Sanguily 11 Jan., 1908 Cosme de la Torriente 29 Jan., 1914
Jules van den Heuvel 6 Nov., 1912	Juan de Dios Garcia Kohly 3 May, 1915
Bolivia.	
Severo Fernandez Alonso a 13 Sept., 1907	Denmark.
Claudio Pinilla	J. H. Deuntzer 14 Oct., 1910 Axel Vedel 14 Oct., 1910
Ignacio Calderón	C. E. Cold
Eliodoro Villazón z Dec., 1913	D. Nyholm 9 Oct., 1913
Brazil.	
Lafayette Rodrigues Pereira 13 Sept., 1907	Cabral i Baez
Ruy Barbosa 13 Sept., 1907	Man. A. Machado
Clovis Bevilaqua 12 Sept., 1907	M. de J. Froncaso de la Concha 12 May 1014
Ubaldino do Amaral Fontoura 11 Feb., 1914	Apolinar Tejera

Ecuador.			Panama,
Honorato Vasquez	z8 Nov.,	1907	Ramon M. Valdés x2 July, x9x
Victor Manuel Rendón	18 Nov.,	1907	Belisario Porras 18 Mar., 191
Victor Manuel Rendón Gonzalo F. Córdova Augusto Aguirre Aparicio	30 Jan.,	1914	Persia
Augusto Aguirre Aparicio	30 Jan.,	1914	Mirza Hassan Khan, Mouchir ed
-			Dowleh Hassan Knan, Mouchir ed
France,			Doyleh rs May, rgo
León Bourgeois Baron d'Estournelles de Constant	16 Nov.,	1900	Peru.
Baron d'Estournelles de Constant	16 Nov.,	1900	Lizardo Alzamora 22 April, 1916
Louis Renault	16 Nov.,	1900	Ramon Ribeyro 23 May, 1910
Germany.			Ramón Ribeyro 23 May, 1916 Luis F. Villarán 23 May, 1916 Manuel Alvarez Calderón 23 May, 1916
Germany,			Manuel Alvarez Calderón 23 May, 1910
Dr. Kriege Dr. Von Martitz Dr. de Staff Dr. Von Treutlein-Moerdes	30 Nov.,	1906	Portugal,
Dr. von Martitz	30 NOV.,	1900	Fernando Mattoro Sontos Nov
Dr. de Staff	19 May,	igii	José Canello Eranco Krazão
Dr. von freutiem-Moerdes	21 Jan.,	1914	José Capello Franco Frazão
. : Great Britain.			Dumania .
Rt. Hon. Sir Charles Fitzpatrick	30 Sept.,	1907	Théodore G. Rosetti zr Nov., rgoo
Earl of Desart	ı Jan.,	IQIO	Jean N. Lahováry 21 Nov., 1900
Earl of Desart	28 Jan.,	1913	Jean N. Lahováry 21 Nov., 1900 Constantin G. Dissescu 21 Nov., 1900
			Russia.
Greece,			A Schonroff se Doo see
Denis Stephanos	29 Dec	100I	A. Sabouroff 20 Dec., 1909 M. Tagantzeff 20 Dec., 1909 Baron de Taubé 20 Dec., 1909
Georgios Streit	20 Dec	IQOI	Baron de Tanhé
Michel Kebedgy	29 Dec., :	IQOI	20 100., 1900
Denis Stephanos Georgios Streit Michel Kebedgy Nicolas Politis	18 June,	1914	Salvador.
			Manuel Delgado 2 Nov., roog
Guatemala.			Manuel Delgado. 2 Nov., 1909 Salvador Gallegos 2 Nov., 1909 Salvador Rodríguez Gouzalez 2 Nov., 1909 Alonso Reyes Guerra 7 Aug., 1911
Antonio Batres Jáuregui Carlos Salazar Antonio Gonzalez Saravia Alberto Mencos	9 Val		Salvador Rodríguez Gonzalez 2 Nov., 1900
Carlos Salazar	2 Peb	1910	Alonso Reyes Guerra 7 Aug., 1911
Antonio Gonzalez Saravia	e July	1910	Servia.
Alberto Mencos	E July	1013	Canana Daniamiah
	3	-9-3	George Pavlovitch
Haiti,			BINCHAU R. VESHIUCH 15 April, 1901
Jaques Nicolas Leger	ar July.	8001	Corragioni d'Orelli
Solon Menos	ax July.	1008	Corragioni d'Orelli 9 June, 1900
F. D. Legitime	sr July,	1008	Jens I. Westengard 6 Mar., 1911
Solon Menos F. D. Legitime Tertullien Guilbaud	ar July.	Bopz	
			E. Dato
Italy.			Rafael M. de Labra 10 Jan., 10 Jan.
Victor Emmanuel Orlando	so April.	IQIO	Manuel Garcia Pricle, Marquis de
Tommaso Tittoni	24 April,	IQII	Alhucemas 11 Jan., 1913
Tommaso Tittoni	za Dec.,	1912	Felipe Sanchez Roman 17 Mar., 1913
Japan			Sweden.
			Knut Hjalmar Leonard de Ham-
Baron Itchiro Motono	30 MOV.,	1900	Ande njamar Leonard de Ham-
Luxemburg.			marskjöld. 2 Dec., 1904 Johan Fredrik Ivar Atzelius. 18 Feb., 1905 Johannes Hellner. 7 Dec., 1906 Baron Carl Nils Daniel Bildt. 7 Dec., 1906
	Oot		Johannes Hellner
Henri Vannerus	10 006.,	1903	Raron Carl Nils Daniel Bildt 2 Dec voor
Mexico.			Daniel Jane Jane Jane John, 1900
	- Mar		Switzerland,
José Ives Limantour Pablo Macedo	7 Mar.	1007	Charles Edouard Lardy 31 Dec., 1900 Bugène Huber 10 June, 1900 Leo Weber 3 Jan., 1900
Joannin D Cassasus	a June	1008	Eugene Huber 10 June, 1905
Carlos Pereyra	az Dec.,	1013	Leo Weber 3 Jan., 1910
		-5-3	Turkey.
Netherlands.			
Jonkheer A. F. de Savornin Lohman Jonkheer G. L. M. H. Ruys de Beerenbrouck P. W. A. Cort van der Linden Jonkheer A. P. C. van Karnebeek	I Nov.,	1900	Ibrahim Hakky Pacha
Jonkheer G. L. M. H. Ruys de			Yorghiadis Effendi 28 Jan., 1905 Saïd Bey 17 Sept., 1905
Beerenbrouck	I NOV.,	1900	Said Bev 17 Sept., 1990
P. W. A. Cort van der Linden	I Nov.,	1912	
Jonkheer A. P. C. van Karnebeek	24 Uct., :	1913	Uruguay.
			Juan Pedro Castro
		-	Juan Zorilla de San Martin 25 April, 1911
Nicaragua.		1908	José Pedro Massera
	3 Mar.,		
Désiré Pector Léon Vallez	6 July,	1914	
Désiré Pector Léon Vallez	3 Mar., 6 July,	1914	Venezuela,
Désiré Pector	un Nov		Venezuela,
Désiré Pector	un Nov		Venezuela,
Désiré Pector	un Nov		Venezuela,
Désiré Pector Léon Vallez Norway.	un Nov		Venezuela,

EMBASSIES AND LEGATIONS IN WASHINGTON, AND CONSULATES-GENERAL IN NEW YORK.

Embassies:-		CONSULATES-GENERAL AND CONSULS IN NEW YORK CITY.
Argentine	Rómulo S. Naón, 1600, N. Hampshire Ave.	Abel Pardo, 80, Wall.
Austro- Hungarian	(Vacant), 1305, Connecticut Avenue	Alex. N. von Pereked, 24, State.
Brazilian British	Domicio da Gama, 1780, Massachusetts Ave. Rt. Hon. Sir Cecil Arthur Spring-Rice, G.C.V.O., 1300, Connecticut Avenue.	Manuel J. F. da Cunha, 17, State. Charles C. Bayley, 17, State.
Chilean French	Eduardo Suárez-Mujica, 1013, 16th Street J. J. Jussersud, 2460, 16th Street Count J. H. von Bernstorff, 1436, Massa-	Ricardo Sanchez-Cruz, 2, Rector. George B. A. Anglade, 8, Bridge. Horst Falcke, 11, Broadway.
	chusetts Avenue.	
Japanese Mexican	Count V. Macchi di Cellere, 1759, R. Street Viscount Sutemi Chinda, 1310, N. Street (Vacant).	Giacomo F. Forni, 226, Lafayette, Takashi Nakamura, 60, Wall. Ignacio C. Enriquez, 27, Battery
Russian	George Bakméteff, xx25, x6th Street	Place. Michael M. Ustinoff, 22, Washington Sq. N.
Spanish Turkish		F. Xavier de Salas, 18, Broadway. Djelal Munif Bey, 59, Pearl.
Legations:		
Belgian Bolivian Bulgarian	E. Havenith, 2011, Massachusetts Avenue Ignacio Calderon, 1633, 16th Street Stephan Panaretoff, 1761, N Street	*Pierre Mali, 25, Madison Avenue. Adoffo Ballivian, 2, Stone. *Clayton Rockhill, 114, John.
Chinese Colombian Costa Rican Cuban	Julio Betancourt, 1319, K Street	Yang Yu Ying, 18, Broadway. Francisco Escobar, 24, State. Manuel Gonzalez Zeledon, 2, Rector. Leopoldo Dolz y Arango, 82, Beaver.
Danish Dominican	Dr. Enrique Jimenez, The Champlain	*George Bech, 8, Bridge. Armando Rodriguez, 17, Battery Place.
	Dr. Gonzalo S. Córdova, 600 Riverside Drive, N.Y. City.	*(Vacant), xx, Broadway.
Greek	(Vacant). Joaquin Méndez, 1511, 20th Street	D. N. Botassi, 35, South William. Dr. Ramon Bengoechea, 12, Broadway.
Haitian Holland—see Netherlands	Solon Ménos, 1429, Rhode Island Ave	Louis Bazelais, 31, Broadway.
Honduras	Alberto Membreño, 1830, Hotel Gordon	R. Camilo Diaz, 3r, Broadway.
Luxemburg	(Represented by the Netherlands, q.v.).	
Netherlands	Jackson Place.	*A. van de Sande Backhuysen, xi. Broadway.
Nicaraguan Norwegian		Ernesto Solarzano, 66, Beaver, Christopher Ravn, 17, State.
Panama Paraguayan	Eusebio A. Morales, Stoneleigh Court Hector Velasquez, Woolworth Building, N.Y. City.	*Manuel Quintero, zz, Broadway. *W. W. White, 233, Broadway.
Persian Peruvian Portuguese	Mehdi Khan (absent), The Brighton Frederico A. Pezet, 2223, R Street Visconde de Alte, Stoneleigh Court	H. H. Topakyan, 225, 5th Avenue. Eduardo Higginson, 25, Broad. Carlos Rangel de Sampiro, 27, State.
Salvadorian Serbian Siamese Swedish Swiss	(None)	*José Alfonso Moran, 42, Broadway. *Michel I. Pupin, 443, W. 22nd. *Loring T. Hildreth, 6, Wall. *Magnus Clarholm, 27, State. *Louis H. Junod, 200, 5th Avenue.
Uruguayan	Carlos Maria de Peña, 1734, N Street	*Mario L. Gil, 17, Battery Pl.
Venezuelan	Dr. Santos A. Dominici, 1406, Massachusetts Avenue.	
	A C	

UNITED STATES EMBASSIES AND LEGATIONS ABROAD.

	- Ambassadors.	
Embassies :-		4.22
Printed and the second	NAME AND STATE.	Address of Embassy.
Argentina	Frederic J. Stimson, Mass	Buenos Ayres.
Austria-Hungary	Frederic C. Penfield, Pa	IV., Vohlebenstrasse, 9, Vient
Brazil	Edwin V. Morgan, N.Y.	Rio de Janeiro.
Chile	Henry P. Fletcher, Pa	Santiago.
France	William G. Sharp, Ohio	18, Avenue Kléber.
German Empire	James W. Gerard, N.Y.	16, Rauchstrasse, Berlin,
Great Britain	Walter Hines Page, N.Y	6, Grosvenor Square, London.
1 (atty	Henry F. Fletcher, Ps. William G. Sharp, Ohio. James W. Gerard, N. Y. Walter Hines Page, N.Y. Thomas Nelson Page, Va.	Palazzo Amici, 16, Piazza
Japan		Bernardo, Rome. Tokio.
	Vacant	10Kio,
Russia	Goorge T Marro Cal	Petrograd
Spain	Joseph B. Willard, Va.	EE Calle de Velasones Maduid
Turkey	Joseph E. Willard, Va. Henry Morgenthau, N.Y.	42 and 44. Rue Cabristan Pe
		Constantinople,
T. marking a	Thomas Windows	
Legations :-	Envoys, Ministers, or Consuls-General.	Address of Legation or Consula
Bayaria	, CG	General.
Belgium	Rrand Whitlook Ohio	Munich. Brussels.
Bolivis	Brand Whitlock, Ohio. John D. O'Rear, Mo.	Drussels.
Bulgaria	Charles J. Vopicka, Ill	See Serbia.
China	Paul S. Reinsch, Wis.	Peking
Celombia	T. A. Thomson, Texas	Bogota.
Costa Rica		
Cuba	William E. Godzales, S.C. Maurice Francis Egan, D.C. William W. Russell, D.C.	Havana.
Denmark	Maurice Francis Egan, D.C.	Amaliegarde 12, Copenhagen.
Dominican Repub.	William W. Russell, D.C.	Santo Domingo.
Ecuador		
Egypt	Oiney Arnold, R.I., Dip. Agt. and CG Garrett Droppers, Mass. Wm. H. Leavell, Miss.	Cairo.
Guatemala	Wm II Tanvall Wiss	Athens.
Haiti	Arthur Bailly-Blanchard, La	Post on Paluce
Holland - sec	At with Donly Distrollard, La,	Fore au Pfince.
Netherlands.		
Honduras	John Ewing, La	Tegucigalpa,
Liberia	James B. Curtis, N.Y., Minister Resident	Monrovia.
Luxemburg	John Ewing, La. James B. Curtis, N.Y., Minister Resident Henry van Dyke, N.J.	See Netherlands.
Montenegro	Garrett Droppers, Mass,	See Greece
		Tangier.
Netherlands	Henry van Dyke, N.J.	The Hagne:
Norway	Benjamin L. Jefferson, Col., A. G. Schmedeman, Wis.	Managua.
Panama	Wm. J. Price, Ky.	Panama.
Paraguay	Daniel F. Mooney, Ohio	Asunolon
Persia	John L. Caldwell, Kan	Teheran
Peru	Benton McMillin, Tenn. Thomas H. Birch, N.J.	Lima .
Portugal	Thomas H. Birch, N.J.	Lisbon.
Rumania	Charles J. Vopicka, Ill	Bucharest.
Salvador		San Salvador.
Saxony	Leo A. Bergholz, N.Y., CG. Charles J. Vopicka, Ill.	Dresden.
Serbia	Charles J. Vopicka, Ill	See Rumania.
Siam	William H. Hornibrook, Ore	Bangkok.
Sweden	Ira Nelson Morris, III. Pleasant A. Stovall, Ga.	Stockholm.
Uruguay	Pohert E Jeffery Ark	Montovideo
Venezuela	Robert E. Jeffery, Ark. Preston McGoodwin, Okla.	Caricae
Württemberg	Edward Higgins, Mass., CG.	Stuttgart.

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VESS A	Total	Ton	3,522	5,892	19,541 x,732	21,274	2 2 2	276	317	8	854	2,285	4,706	1,736	x,826	A Kasa	2,529	53	2	X,054	899	1,122	3.4	8	19,26x
SALLIN	Grand Tot	No.	85.00	3,249	9,285	11,353	317	155 164	443 123	8	825	1,539	3,166	x,177	1,155	80.00	2,174	99	26 26	1,256	642	1,402	9 80	162	30,720
	Torat.	Net Tons.	943,288	1,037,89x	305,663	443,150	33,76a	7, x75	14,901	543	Z,487	376,119	286,860	822,014	-	3,388	SS1,379	25,141	30,301	zoz,Bii	13,449	101,007	17,020	28,967	3,532,561
upwards).	T	No.	1,347	z,386	585	x,x35	72	1 10	20 00	2 80	9 0	523	269	522	1	010	210	48	XOZ ,	SKS	34	372	12	8	6,212,
(too tons and upw	STEEL.	Tons.	123,906	216,329	ar6,18a ao,559	z36,74x	16,478	4,363	3,525	400	x,698	297, rr5	269,523	39,858		234	261,576	2,496	4,430	51,147	x,148	3,092	: :	1.84	1,441,286
too tot	50	No.	* # :	zoz	33	a75	38	4 88	O N	н	H 8	x47	344	46		2 2	173	et 1	0	34	24	OI		н	1,199
SAILING VESSELS (IRON.	Tons.	49,970	49,970	47,804	68,850	x0,726	2,690	20,222			x0,626	EEO,IX	OX,345	:	x,259	214,438	5,936	4,558	46,098	x, 189	ro,ogr	8.212	467	560,110 1,19g
NG V		No.	e : :	38	39 88	xag	H	: "	44 W	:	1	0	13	82.8		×	x74	10	4	31	, H	10	: "	. 14	540
SAIL	WOOD AND COMP.	Tons.	769,412	771,692	41,677 95,88z	x37,559	6,558	1,300	9, x54	2000 R43	28,789	68,378	6,316	01.711		z,895	75,375	16,689	202	105,566	II,II	87,344	2.066	28,316	4,473 1,525,165
	Youn 4	No.	1,235	I,243	281 454	735	23	O H	44	O H	70 0	367	H 3	304	:	00 }	170	4	å,	447	IS.	328	0 7	380	4,473
	TOTAL.	Gross Tons.	2,579,645 2,231,074 44,029	4,854,748	9,235,705 1,595,213	816,058,01	188,771	1,010,095	302,513	97,536	35,395	1,009,609,x	4,4x9,x67	1,612,631	x,826,068	39,294	1,077,800	28,608	92,425	861,081	885,755	1,021,796	26.561	65,623	5,729,298
.(8)	T	No.	1,233 569 61	1,863	8,675 x	o,ax8	245	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	391	32	40	x,oze	x,897	683	H, H555	42	1,648	8 ×	104 20	744	288	x,090	145	8	4,508
STEAMERS (no tons and upwards)	STEEL.	Gross	2,139,083	4,359,754	8,732,009 1,363,216	1922,560,01	172,610	987,05a	262,169	67,922	24,410	1,731,595	4,333,465	700,402	1,583,466	35, 104	1,727,777	28,398	78,068	720,726	739,815	725,899	93,307	52,863	2,471,0252
so tons	S	No.	263	1,274	7,539	8,526	800	382	342	3.5	8	830	x,74x	830	260	3,34	1.27A	17	20 e	404	387	594	23	16	98216
AMERS (1	Liox.	Gross Tong.	249,785 24,335 10,145	284,265	488,123 145,269	633,392	x5,405	Z7,002	39,011	20,738	160'9	174,223	84,458	260,068	175,146,	3,070	SIO.41S		13,701	118,480	145,127	272,716	51,532	12,131	3,787,036
STE	-	No.	150	183	1,038	1,26x	81	30	4,00	82	0.8	164	150	2 1 2	XXO	<u>ي</u> ه	276		17	330	195	371	5.0	18	3,711
	WOOD & COMF.	Gross	15,655	20,0x8	15,573	oz,30x	756	x)44x	1,333	8,876	4,894	3,790	I,244	2,620	67,456	1,120	20,614	SIO	920	3.745	813	23,179	443	629	71,147
	Wood &	No.	378	4062	333	43x	14	* :	00	14	0 1	200	* • •	2 0	285	10 0	x08	H		10	0	125	4 10	*	r,Sxx
	FLAG.		.A. :-Sea *N'thern Lakes Philippines	Total U.S.A	ited Kingdom	Total British	Mentine	ilgian	azilian illian	inese	tban mish	onch	rook	lian	panese	exican	orwegian		manian	tussiat	anish		uguayan	her Countries	Grand Total

GOVERNMENTS OF PRINCIPAL COUNTRIES. 75

Country,	Head or Ruler.		Born		- Accede	d
COUNTRY.	nead or states.		Born		- Accede	
inited States of America	Woodrow Wilson, President	28	Dec.,	1856	4 March	
Dyssinia	Lij Eyassu, Emperor Habibulla Khan, Ameer		July,		3 Oct.,	191
lbania		3	o us,	10/2	3 000.,	194
nnam	Duy Tan, King			1899	Oct.	190
rgentine Republic	Francis Joseph, Emperor	-2	Aug.,	*920	z Dec.,	18
	Albert, King	8	April.			19
lokhara	Seid Mir Alim, Ameer	3	Jan.,	1880	4 Jan., 6 Aug.,	19
Solivia Brazil	Wenceslas Braz, President		May	1855	6 Aug.,	19
ulgaria		26	Feb.,	1861	7 July,	18
hile hina	Juan Luis Sanfuentes, President Yuan Shi Kai, President				Aug.,	19
				1859	15 Feb.,	19
osta Rica	Jose vicente Concils, President Alfrede Gonzalez Flores, President Mario G. Menocal, President Christian X., King Juan L. Jimenez, President Leonitals Plaza, President Hussein Kamel, Sultan					19
uba	Mario G. Menocal, President	1			. 200	19
ominican Republic	Inen I Timener President	20	Sept.,	1870	6 Feb.,	19
cuador	Leonidas Plaza, President				'x April.	IQ
gypt	Hussein Kamel, Sultan	21	Nov.,	1853	ro Dec.,	19
erman Empire				1900	17 Jan.,	19
Prussia	William II., King	27	Jan.,	1859	15 June,	18
Ravaria	Ludwig III., King	27	April,	1848	13 June,	18
Saxony	Frederick Augustus III., King	25	May,		15 Oct.,	19
Anhalt.	Rriedrich II Duke	25	Ang	1846	6 Oct., 24 Jan.,	10
Baden	Frederick II., Grand Duke Johann Albrecht, Regent Ernst Louis, Grand Duke	9	July,	1857	28 Sept.	19
Brunswick	Johann Albrecht, Regent	â	Dec.,	1857	28 May, 13 March	19
Magklophurg Sahwarin	Francisk Vennois IV Grand Duke	25	Nov.,	1808	ro April,	, 18
Mecklenburg-Strelitz	Frederick Francis IV., Grand Duke Adolphus Friedrich II., Grand Duke Frederic Augustus, Grand Duke	57	June.	1882	IO Apin,	19
Oldenburg	Frederic Augustus, Grand Duke	16	Nov.,	1852	13 June,	IQ
Saxe-Altenburg	Ernest, Duke Charles Edward (Duke of Albany), Duke Bernhard H., Duke	31	Aug.,	1871	7 Feb., 30 July,	19
Saxe-Meiningen	Bernhard H. Duke	19	April.	*SEY	Anor	10
				1800	5 Jan., 12 May,	19
Waldeck-Pyrmont	Frederick, Prince	20	Jan.,	355	12 May,	18
reat Britain and Ireland	Constantine, King	3	Junes,	1865	6 May, 18 March	19
uatemala	Manuel Estrada Cabrera, President	3	Nov.,	1857	2 Oct.,	18
	General Dartiguenave, President				Aug.,	19
Iondurastaly	Manuel Bonilla, President Victor Emmanuel III., King		Nov.,	-06-	3 Nov.,-	19
				1820	30 July,	19
Chiva	Said Asfendiar, Khan	3-	116.,	1871	I Sept.	19
iberia"	Said Asfendiar, Khan Daniel Edward Howard, President Marie Adelaide, Grand Duchess	E	~		z Jan.,	19
uxemburgdexico	Venustiano Carranza, President	14	June,	1894	26 Feb.,	Ig
ionaco	Albert Prince	13	Nov.,	1848	so Sept.,	18
iontenegro	Nicholas, King	8	Oct.,	1841	28 Aug.,	18
	Bir Bikram, Maharaja	30	June, Aug.,	1906	rr Dec.,	19
lepal	Adolfo Diaz. President	3*		1000	z Nov.,	19
orway	Haakon VII., King	30	Aug.,	1872		119
anama	Belisario Porras, President				= ()ct	Ig
araguay	Ahmed Mirro Shah	-	Jan	TRAS	15 Aug., 17 July,	Ig
eru	José Pardo, President	~	- ***	roge	Aug.,	IC
ortugal	Bernardo Machado, President					19
tumania	Ferdinand, King	II	Aug.,	1865	10 Oct.,	19
alvador	Carlos Melendez, President	19	andy,	1900	z Nov., z March	, IC
erbia	Peter, King	12	July,	1844		IS
iam	Vagiravudh, King	X	Jan.,	188c	22 Oct	IC
pain	Belianto Perras, President Eduardo Schaerer, President Ahmed Mirra, Sola Ernardo Machado, President Ferdinand, King Nicholas II., Emperor Vagiravath, King Alfonso XIII., King Alfonso XIII., King Guiserpe Mokla, President		June	1886	17 May, 8 Dec.,	16
	Guiseppe Motta, President Mehmed V., Sultan Feliciano Viera, President V. Marquez Bustillos, President	-	Ture,			
	Mehmed V., Sultan	3	Nov.,	1844	27 April, 2 March	IC

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10	Pop. of Capital (rgro). (k)	3,720 66,181 66,815 66,815 67,815 67,815 67,816 10,465 110,354 110,354 110,354 110,354 110,354 110,354	181,511 14,897 23,650 21,862 51,658 38,158 31,850 5,618 5,018
ERICA.	Capital.	Dover Harrisburg Trenton Harrisburg Harrisburg Harrisburg Harrisburg Annapolis Columbia Contentia Religitor Harbitan Albaro Montpolis Frovidence Frankfort Montpolis Nashville Augusta Augusta Augusta Augusta	Columbus Baton Rouge Indianapolis Jackson Springfield Mongeomery Jefferson City Little Rock Lansing Lansing Das Montes
OF AMERICA	Population (1910).	200,332 7,665,117 2,609,1407 2,609,1407 2,609,1407 1,114,756 3,366,416,140 1,114,756 1,113,614 2,206,162 2,416,614 2,206,162 3,420,905 3,430,905 3,430,905 3,440,809 3	4,767,121 1,656,388 2,700,876 1,797,114 5,738,591 2,138,093 3,593,335 1,574,449 2,810,173 7,52,619
STATES	Negro Pop. (1910).	31, 181 193,9760 193,9760 193,9760 15,1769 33,843,83 33,843 35,843 97,643 97,643 97,643 13,681 1,363 1	111,452 713,874 69,330 1,009,487 109,049 908,282 157,452 442,891 17,115 308,694
	White Pop. (rgro).	775,102 3,467,713 4,445,604 1,431,602 1,603,604 1,603,60	4,654,897 941,086 2,639,961 786,111 5,526,962 3,134,93 1,131,026 2,785,347
C UNITED	Total Area (Sq. miles).	out the good state of the state	14.84.86.87.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8
OF THE	Water Area (8q. miles).	405 (1) 904 1,904 1,905	(8) 300 (9) 503 (9) 503 (9) 503 (9) 503 (8) 500 (9) 50
	Land Area (Sq. miles).	1,965, 1,834, 1,875, 1,870, 1,040, 1,055, 1,057, 1,067, 1,	40,740 36,045 36,045 46,365 56,043 56,043 57,27 57,27 57,285 57,480 57,480 57,480
POPULATION	Date of Admission.	7 Dec, 1787 18 Dec, 1787 18 Dec, 1787 19 Jan, 1788 23 May, 1788 24 May, 1788 25 Jan, 1799 26 May, 1798 21 Nov, 1789 29 May, 1798 21 Nov, 1789 21 Nov, 1789 23 Jan, 1799 24 Peb, 1791 24 Jan, 1799 25 Jan, 1799 26 Jan, 1799 27 Jan, 1799 28 Jan, 1799 28 Jan, 1799 29 Jan, 1799 29 Jan, 1799 20 Jan	7/87 19 Feb., 1803 1805 fa Apr., 1812 1809 in Dec., 1812 1809 in Dec., 1818 1817 id Dec., 1818 1817 id Dec., 1818 1817 id Dec., 1819 1815 in June, 1836 1815 in June, 1836 1815 in June, 1836 1818 in June, 1836 1838 in June, 1836
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PRESIDENTS OF THE UNITED STATES, 1789-1914.

Name.	State.	Political Party.	Born.	Years of Office.	Died.	Age at Death.
I. GRORGE WASHENGTON J. John Adms J. John Adms J. James Monroe J. James J. John J. John Adms J. John J. J. John J. J. John J. John J. J. John J. J. John J. J. John J. J	Va. Mass. Va. Mass. Tenn. N.Y. Ohio Va. Tenn. La. N.Y. N.H. Pa		Born. 1732 1735 1743 1751 1752 1767 1762 1773 1790 1795 1784 1800 1804 1791 1808 1822 1822 1831 1830 1837 1843	Years of Office. 1789-1797 1797-1801 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809 1801-1809	1799 1826 1836 1836 1848 1845 1841 1862 1841 1862 1874 1869 1868 1865 1875 1893 1811 1886	67 90 83 85 73 86 78 68 77 53 65 74 64 77 56 66 63 70 70 70 70 70 70 70 70 70 70 70 70 70
24. Grover Cleveland. 25. William McKinley † 26. Theodore Roosevelt (a). 27. William Howard Taft 28. Woodrow Wilson.	N.Y. Ohio N.Y. Ohio	Dem. Rep.	1833 1837 1843 1858 1857 1856	1889-1893 1893-1897 1897-1901 1901-1909 1909-1913 1913-1917	1901	67 71 58

Notes .- + Died in office.

(a) Elected as Vice-Presiden

VICE-PRESIDENTS OF THE UNITED STATES, 1789-191

Name.	State.	Political Party.	Born.	Entered Office.	Died.	Age a Death
x, John Adams (a)	Mass.	Fed.	1735	1780	1826	90
z. Thomas Jefferson (b)	Va.	DemRep.	1743	1797	1826	83
3. Aaron Burr	N.Y.	. 27	1756	1801	1836	80
. George Clinton	77	22	1739	1805	1812	72
5. Elbridge Gerry †	Mass.		1744	1813	1814	70
6. Daniel D. Tompkins	N.Y.	22	1774	1817	1825	50
7. John C. Calhoun	S.C. N.Y.	27 /	1783	1825	1850	68
g. Richard M. Johnson	Kv.	Dem.	1782	1833	1862	79
o. John Tyler (d)		, 22	1781	1837	1850	69
z. George M. Dallas	Pa.	. 33	1790	1841	186z	71
s. Millard Fillmore (e)	N.Y.	Whig	1792	1845	1864	72
3. William R. King +	Ala.	Dem.		1849	1874	74
4. John C. Breckinridge			1786	1853	1853	67
s. Hannibal Hamlin	Me.	70'	1800	1857	1875	54
6. Andrew Johnson (f)	Tenn.	Rep.	1808		1891	81
7. Schuyler Colfax	Ind.	27	1823	1865 1860	1875	€6
8. Henry Wilson +	Mass.	22	1812			62
9. William A. Wheeler	N.Y.	21	1810	1873	1875	63
o. Chester A. Arthur (g)	24.1.	31	1830	1877	1887	67
I. Thomas A. Hendricks †	Ind.	Dem.	1810			56
z. Levi P. Morton	N.Y.	Rep.	1824	1885	1885	
3. Adlai E. Stevenson	III.	Dem.				
4. Garret A. Hobart +	N.J.	Rep.	1835	1893	1914	78
5. Theodore Roosevelt (h)	N.Y.		1858	1897	1899	55
6. Charles W. Fairbanks	Ind.	33	1858	1901		
7. James S. Sherman †		23		1905		
8. Thomas R. Marshall		Dem.	1855	1909	1912	57
and the same of th	Augus.	Locality.	1854	1913	***	

The Declaration of Independence, 4 July, 1776.

THE unanimous declaration of the thirteen United States of America. When in the course of human events it becomes necessary for one people to dissolve the political bands the separate and equal station to which the Laws of Nature and of Nature's God entitles them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness. That to secure these rights Governments are Liberty and the pursuit of Happiness. That to secure these rights Governments are instituted among Men, deriving their just powers from the consent of the governed. That People to after or to abolish it and to institute new Government, laying its foundation on such principles and organizing its powers in such form as to them shall seem most likely to effect their Sade'v and Happiness. Prudence, indeed, will dictate that Governments long established should not be changed for light and transient causes; and accordingly all experience hath shewn that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by abolishing the forms to which they are accustomed. But when Government and to provide new Guards for their future security. Such has been the national former Systems of Government. The history of the present King of Great Britain is a history of repeated injuries and usurpations, all having in direct object the establishment of an absolute Tyranny over these States. To prove this, let Facts be submitted to a candid

He has refused his Assent to Laws, the most !

estimable to them and formulable to tyrants only. He has called together legislative bodies at places unusual, uncomfortable, and distant from the depository of their public Records, for the sole purpose of fatiguing them into compliance with his measures.

with his measures. He has been also have discovered by the hard frames his invasions on the rights of the people. He has refused for a long time, after such dissolutions, to cause others to be elected; Annihilation, have returned to the Feople at large for their exercise; the State remaining in the meantime exposed to all the dangers of

He has endeavored to prevent the population of these States; for that purpose obstructing the Laws for Naturalization of Foreigners; returning to pass others to encourage their migrations hither, and raising the conditions of new Appropriations of Lands.

He has obstructed the Administration of

ishing Judiciary Fowers.

He has made Judges dependent on his Will alone for the tenure of their offices and the amount and payment of their salaries.

He has erected a multitude of New Offices and sent hither swarms of Officers to harass our

He has kept among us, in times of peace, Stand-ing Armies without the Consent of our legislature. He has affected to render the Military in-dependent of and superior to the Civil power.

For imposing Taxes on us without our Con-

For depriving us, in many cases, of the

For depriving us, in many cases, or the benefits of Trial by jury;
For transporting us beyond Seas to be tried for pretended offences;
For abolishing the free System of English Laws in a neighboring Province, establishing

the Forms of our Governments;
For suspending our own Legislatures, and

legislate for us in all cases whatsoever. "
He has abdicated Government here, by declaring us out of his Protection and waging War

He has plundered our seas, rayaged our Coasts. burnt our towns, and destroyed the lives of our

with circumstances of Cruelty & perfidy scarcely paralleled in the most barbarous ages, and totally unworthy the Head of a civilized

He has constrained our fellow-Citizens taken captive on the high Seas to bear Arms against their Country, to become the executioners of their friends and Brethren, or to fall themselves

He has excited domestic insurrections amongst us, and has endeavored to bring on the inhabitants of our frontiers, the merciless Indian Savagos, whose known rule of warfare is an undistinguished destruction of all ages, sexes and conditions.

In every stage of these Oppressions We have Petitioned for Redress in the most humble terms; our repeated Petitions have been naswered only

e consanguinity.

extend an unwarrantable jurisdiction over us.
We have reminded them of the circumstances of
our emigration and settlement here. We have

connections and correspondence. They too

THE DECLARATION.

WE, THEREFORE, the REPURSINATIVES of the UNITED STATES OF AMERICA, IN GENERAL CONGRESS ASSEMBLED, appealing to the Supreme Judge of the world for the rectified of our intentions, do, in the Name, and by authority of the good People of these Colleges, and the state of the college of these Colleges, and the state of the state

nor, SIGNATORIE

Adams, John Mess.
Adams, Samuel, Mess.
Bartlett, Josish, N.H.
Bratton, Carter, Va.
Carroll, Charles, Md.
Clymer, George, Pa.
Ellery, William, R.J.
Franklin, Benjamin, Ps.
Gerry, Elbridge, Mass.
Hall, Lyman, Go.
Hamcock, John, Mass.
Hall, Lyman, Go.
Harrison, Benjamin, Vs.
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HOOPEN, WHIMM, N.C. HOYAIRO, Stephen, R.I. HOYAIRO, Stephen, R.I. HOYAIRO, Stephen, R.I. HOYAIRO, ST. HOYAIRO, ST. HOYAIRO, S. HOYAIRO, S. HOYAIRO, T. HOYAIRO, T. HOYAIRO, T. HOYAIRO, T. HOYAIRO, T. HOYAIRO, S. HOYAIRO, S.

Read, George, Del.
Rodney, Cresar, Del.
Rodney, Cresar, Del.
Rush, Benjamin, Pa.
Rush, Benjamin, Pa.
Rutledge, Edward, S.C.
Sherman, Roper, C.S.
Smith, James, Pa.
N.J.
Stone, Thomas, M.d.
Taylor, George, Pa.
Thornton, Matthew, N.H.
Walton, George, Pa.
Walton, George, Pa.
Williams, W. Williams, C.
Williams, W. Williams, C.
Williams, V. Williams, J.
Williams, James, Pa.
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GOVERNMENT OF THE UNITED STATES.

Time United States of America is a Federal Republic consisting of 48 States, 1 Federal District, and 2 Organized Territories, with a non-contiguous Dependency in Central America and Insular Dependencies in the Caribbean Sea and the Pacific Ocean. Of the 48 States are consistent States, from which the federation was first formed, 25 were admitted to the Union after organization as Territories, and 7 were admitted which will be presented to the Union after organization as Territories, and 7 were admitted which will be presented as the Caribbean of 27 Sept. 10 Sept.

ARTICLES OF CONFEDERATION.

Ratified at Philadelphia, Pa., 9 July, 1798.

Articles of Confederation and Perpetual Union between the States of New Hampshire,
Massachuseits Bay, Rhode Island and Providence Plantations, Connecticut, New York, New
Jersey, Pennsylvania, Delaware, Maryland, Virginia, North Carolina, South-Carolina, and
Georgia.

The style of this Confederacy shall be "The United States of America."

Article II.

Each State retains its sovereignty, freedom and independence, and every power, jurisdiction, and right which is not by this confederation expressly delegated to the United States in Congress assembled.

Article II

The said States hereby severally enter into a firm league of friendship with each other, for their common detense, the security of their liberties, and their mutual and general welfare binding themselves to assist each other against all force offered to, or attacks made upon them of any of them, on account of religion, sove registry, trade, or any pretence whatever.

Article IV.

The better to secure and perpetuate mutual friendahlp and intercourse among the people of the different States in this Union, the free influence of the different States in this Union, the free influence of the different states and immunities bonds, and fightfurer from justice excepted) shall be entitled to all privileges and immunities and interest of the different states and the states and the states and the states and the states and regress to and from any other State, and shall endly the states and the states are states of which the owner is an inabilitating provided also that no imposition, duties, or report of the United States, or any of them.

If any person guilty of, or charged with, treason, felony, or other high misdeusanor in any State, shall flee from justice and be found in any of the United States, he shall, upon demand of the governor' or executive power of the State from which he fled, be delivered up and removed to the State having jurisdiction of his offense.

Full faith and credit shall be given in each of these States to the records, acts, and judicial proceedings of the courts and magistrates of every other State.

Article V.

For the more convenient management of the general interest of the United States, delegates shall be annually appointed, in such manuer as the legislature of each State shall direct, to the legislature of each State shall direct, to be the states of the states and to person shall be capable of being a delegate, but the states of the states shall be capable of being a delegate, be capable of holding any office under the United States for which he, or another for his beself, kind. Each State shall be taken in the own of the states of the states and while the states of the states and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the States, and while they are at a mention of the Committee of the

In determining questions in the United States, in Congress assembled, each State shall have one

Fresdom of speech and debate in Congress shall not be impeached or questioned in any court or place out of Congress; and the members of Congress shall be protected in their persons from arrests and imprisonments during the time of their going to and from and attendance on Congress, except for treason, felony, or breach

Article VI.

No State, without the consent of the United States in Congress assembled, shall send any embeary to, or receive any embessy from, or embeary to, or receive any embessy from, or or breaty, with any king, prince, or state; no shall any person holding any office of profit or trust under the United States, or any of them, accept of any presend, emoliment, office, or title of any kind whatever from any king, prince, or foreign state; nor shall the United States; in

highest assembled, or any of them, grant and the of nobility.

No two or more States shall enter into an easty, confederation, or alliance whatever be seen them, without the consent of the Unite tates, in Congress assembled, specifying accounts.

sattered into, and how long it shall continued which may interfers with any stippiations in treatise entered into by the United States, in Congress assembled, with any sting, prince, or posed by Congress to the courts of France and Syala. No results of wars all the kept up in Congress to the courts of France and Syala. No results of wars ability to the court of France and Syala. No results of wars ability to the court of the Congress assembled, for the defense of such State or its trade; nor shall any body of except such number only as, in the judgment of the United States, in Congress assembled, shall be deemed requisite to garrison the forth of the United States, in Congress assembled, shall be deemed requisite to garrison the forth of the United States, in Congress assembled, shall be deemed requisite to garrison the forth and disciplined multila, smittlently armed and disciplined multila, smittlently armed and disciplined multila, smittlently armed and disciplined and tunis, and a proper quantity of use, in public stores, a then number of neighbors and tents, and a proper quantity of

arms and ammunition and camp equipage.

XO State shall engage in war without the
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XO State shall engage in war without the
XO State shall engage in war without
blief, unless such State be actually invaded by
cennies, or shall have received certain advice of
Indians to invade such State; and the such coninterest of the state of the state of the state
Indians to invade such State; and the such
to imminent as not to admit of a dealy util
to the United States, in Congress assembled, can be
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-operate, except the state of the state of the state
of the only against the state of marque or
-operate, according to the state of the state
of the only against the state of marque or
-operate, in which case vessels of war may be
assembled, unless such State be invested by
printed, in which case vessels of war may be
the danger shall continue, or until the United
State, in Congress assembled, shall determine

When land forces are raised by any State for State shall direct, and all vacancies shall be

Article VIII.

All charges of war, and all other expenses that

Article IX.

The United States, in Congress assembled, shall have the sole and exclusive right and the high seas; and establishing courts for re-

The United States, in Congress assembled,

strike out one, the petitioners beginning, until the number shall be reduced to thirteen; and

ing disputes respecting territorial jurisdiction between different States. The United States, in Congress assembled, shall also have the sole and exclusive right and the United States, and exacting such postage on sit in the recess of Congress, to be demonimated on the recess of Congress, to be demonimated to the committees and civil officers as may be necessary for managing the general affairs be necessary for managing the general affairs appoint one of their number to preside, provided that no person be allowed to serve in the validation of the property of the service of the term of three years; to accretan the necessary amus of money to be raised for the service of the United States, and to appropriate and apply the burney money or emit tills on the credit of the United States, and to appropriate and apply the United States, transmitting every half year to money as borrowed or emitted; to build and equip a navy; to agree upon the number of land forces, and to make requisitions from each State white health of the control of the property of the pro

raise men, by canount raises a snather minuner than a greater number of men than the quots thereof, such extra number of men than the quots thereof, such extra number shall be raised, officered, clothed, armed, and equipped in the same manner as the quota of such State, unless the legislature of such State shall pade that such extra number cannot be saidly spared out of the cottage and the saidly spared, and the saidly spared, and the officers and men so clothed, arms, and equip as many of such extra number as they judge can be safely spared, and the officers and men so clothed, arms, and men so clothed, arms, and

and within the time appeared in Prime contents and within the time of the prime and the printerest and the prime and the prime and the prime and the prime a

The Congress of the United States shall have power to adjourn to any time within the year, and to any piace within the United States, so duration than the page of all the mostless and that publish the journal of their proceedings monthly, except such parts thereof relating to treaties, silliances, or military operations as in their judgment require secrecy; and the year and

question, shall be entered on the journal, when it is desired by any delegate; and the delegates of a State, or any of them, at his or their request, shall be furnished with a transcript of the said journal, except such parts as are above excepted,

Article X.

The committee of the States, or any nine of them, shall be authorized to execute, in the recess of Congress, such of the powers of the Congress of Congress, and the Congress of Congress, and the Congress of Congress of Congress of Congress of Congress of the United States and Congress of the United States and Congress of Congress of the United States and Congress of C

Article XI.

Canada acceding to this Confederation, and ioining in the measures of the United States, shall be admitted into, and entitled to all the advanages of this Union; but no other colony shall be admitted into the same unless such admission

Article XII.

All bills of credit emitted, moneys borrowed, and debts contracted by or under the authority of Congress, before the assembling of the United States, in pursuance of the present Confederation, shall be deemed and considered are a charge against the United States, for payment and satisfaction whereof the said United States and the public faith are hereby solemnly peledred.

Article XII

Every State shall abide by the determinations of the United States, in Congress are mibled, on all questions which by this Confederation are Confederation and the Confederation and the Confederation and the Confederation shall be invokably clearly given by every State, and the Union shall be perpetual; or shall any alteration at any time hereafter be made in any of them, unless such alteration be made in any of them, unless such alteration and be afferwards confirmed by the legislatures and be afferwards confirmed by the legislatures.

And whereas it hath pleased the great Convener of the several to incline the hearts of the legislatures we respectively represent in Congress to Articles of Confederation and prepared to the legislature, and the second second

The Constitution of the United States.

(As ratified by the 13 Original States 1787-1790.)

We, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquillity, provide for the common defense, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and

Congress and its Powers.

SECTION I.—All legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate

3. Representatives and direct taxes shall be the State of New Hampahire shall be entitled to choose 3; Masschusetts, 8; Rhode Island and Providence Pluntations, 1; Connecticut, 5; New Seat, 1; Maryland, 6; Vurginis, xe; North Carolina, 5; South Carolina, 5; and Georgia, 2, 4 When vacancies happen in the representa-tion from any State, the Executive Authority thereof aball issue write of election to full such

the sole power of impeachment.

SECTION III.—x. The Senate of the United

next meeting of the Legislature, which shall then

who shall not, when elected, be an inhabitant of that State for which he shall be chosen.

4. The Vice-President of the United States

other place than that in which the two Houses shall be sitting.

SECTION VI.-1. The Senators and Representa-tives shall receive a compensation for their services, to be accertained by law, and paid out

of the Treasury of the United States. They shall in all cases, except treason, felony, and breach of the peace, he privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debate in either House they shall not be questioned in any other

House they shall not be questioned in any other place.

2. No Senator or Representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States which shall have been created, or

the emoluments whereof shall have been inrecased during such time; and no person holding any office under the United States shall be a member of either House during his continuance in office.

hall originate in the House of Representatives, but the Senate may propose or concur with mendments, as on other bills.

a. Nevery but winch shall have passed the forests of the United States; if he approve, he shall sign it, but find the shall sign it, but find the shall return it, with his object, it is not shall return it, with his object and the shall return it, with his object is not shall return it, with his object is not shall return the objections at lange on their journal, and proceed to reconsider it. If after such reconsideration two-thirds of the beautic popularies with the objections, to the other House, by which it shall likewise be reconsidered; and it approved by two-thirds of that beautic popularies with the objections, to that Bouse, by which it shall likewise be reconsidered; and it approved by two-thirds of that House, by which it shall become a law. But in all such mitted by yeas and mays, and the names of the persons voting for and against the bill shall be entered on the journal of each House respected after it shall have been presented to him, the same shall be a law in the manner as if he had ment person it for return; it is which case it shall be a five frequent products and products are the products and the products and the products are the had ment person its return; in which case it shall be entered products and products are the products and products are the products and the products are the products and the products are the had ment person its return; in which case it shall be a first and the products are products and the products are products and the products are the products and the products are pr

3. Every order, resolution, or vote to which the concurrence of the Senate and House of & presentatives may be necessary (except on a question of adjournment) shall be presented to the President of the United States; and before the amenabalit take effect shall be approved by him, or, being disapproved by him, shall be repeated to the presentatives, according to the rules and limitations prescribed in the case of a bill. SECTION YILLI-X. The Congress shall have.

power:

To lay and collect taxes, duties, imposts, and excises, to pay the debte and provide for the common defence and general welfare of the United States; but all duties, imposts, and ex-

z. To borrow money on the credit of the United States.

and among the several States, and with th Indian tribes.

4. To establish an uniform rule of naturalization and uniform laws on the subject of bank

tion and uniform laws on the subject of bankruptcles throughout the United States. 5. To coin money, regulate the value thereof, and of foreign coin, and fix the standard of weights and measures. To provide for the punishment of countereiting the securities and current coin of the juited States.

7. To establish post-offices and post-roads.
8. To promote the progress of science and useful arts by securing for limited times to

authors and inventors the exclusive rights to their respective writings and discoveries. g. To constitute tribunals inferior to the

ro. To define and punish piracies and felonies committed on the high seas, and offences against the law of nations.

and reprisal, and make rules concerning captures on land and water. 12. To raise and support armies, but no appro-

term than two years.

13. To provide and maintain a navy.

14. To make rules for the government and regulation of the land and naval forces.

regulation of the land and naval forces.

15. To provide for calling forth the militia to execute the laws of the Union, suppress insur-

sections and reper invarious.

16. To provide for organizing, arming, and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States respectively the appointment of the officers, and the authority of training the militia according to the discipline researched by Courcess.

17. To exercise exclusive legitalation in all cases whatsoever ever such district (not exceeding ten miles square) as may, by cossion of particular to the control of th

the erection of forts, magazines, arsenals, dry-docks, and other needful buildings.

18. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers, and all other powers vested by this Constitution in the Government of the limited

of such persons as any of the Stater mapercation of such persons as any of the Stater now existing shall think proper to admit shall not be prohibited by the Congress prior to the year one thousand eight hundred and eight, but a tax or daty may be imposed on such importation, not duty may be imposed on such importation, not

i a. The privilege of the writ of habeas corpus shall not be suspended, unless when in cases of rebellion or invasion the public safety may require it.

3. No bill of attainder or ex post facto-law shall be passed.

lai No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration hereinbefore directed to be taken.

5. No tax or duty shall be laid on articles exported from any State.

exported from any State.

6. No preference shall be given by any regulation of commerce or revenue to the ports of one State over those of another, nor shall vessels bound to or from one State be obliged to enter,

7. No money shall be drawn from the Treasury but in consequence of appropriations made by law; and a regular statement and account of the receints and expenditures of all public money

8. No title of nobility shall be granted by the United States. And no person holding any office of profit or trust under them shall, without the consent of the Congress, accept of any present, conclument, office, or title of any kind whatever

SECTION X .- r. No State shall enter into any

2. No State shall, without the consent of the net produce of all duties and imposts, laid by such laws shall be subject to the revision and control of the Congress.

3. No State shall, without the consent of Con-

The President and his Powers.

follows: z. Each State shall appoint, in such manner as

The electors shall meet in their respective

every case, after the choice of the President, the person having the greatest number of votes of

choosing the electors and the day on which they

office, the same shall devolve on the Vice-President, and the Congress may by law provide for as President, and such officer shall act accord-

emolument from the United States, or any of

8 Before he enter on the execution of his office he shall take the following oath or

"I do solemnly swear (or affirm) that I will

z. He shall have power, by and with the advice and consent of the Senate, to make

officers of the United States.

SECTION IV.—The President, Vice-President, and all civil officers of the United States shall

The Judiciary and its Powers.

compensation which shall not be diminished during their continuance in office.

cases penne-mentioned the supreme cours shall have appellate jurisdiction both as to law and fact, with such exceptions and under such regulations as the Congress shall make.

3. The trial of all crimes, except in cases of unpeachment, shall be by fury, and such trial shall be held in the State where the said crimes.

nave unrecess.

SECTION III.—z. Treason against the United States shall consist only in levying war against them, or in adhering to their commers, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overtact, or on confession

2. The Congress shall have power to declare

SECTION I .- Full faith and credit shall be

proceedings shall be proved, and the effect SECTION II .- I. The citizens of each State

2. A person charged in any State with treason. and be found in another State, shall, on demand of the Executive authority of the State, from which he fled, be delivered up, to be removed to the State having jurisdiction of the crime.

3. No person held to service or labor in one

another shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.

State shall be formed or erected within the

2. The Congress shall have power to dispose

Amendments to the Constitution.

proposing amendments, which in either case

Authority of the Constitution.

States under this Constitution as under the

be the supreme law of the land, and the judges

in the Constitution or laws of any State to the contrary notwithstanding.

Ratification of the Constitution.

Amendments to the Constitution.

(Declared in force 15 Dec., 1701.)

Civil and Religious Freedom.

Congress shall make no law respecting an

Militias authorized. A well-regulated militia being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.

Searches and Seizures controlled.

Criminal Procedure.

Common Law Suits.

Excessive Bail prohibited.

Residuum of Power,

(Declared in force 8 Jan., 1798.)

(Declared in force 28 Sept., 1804.)

majority of the whole number of electors appointed; and in operaon have unds a majority, oppointed; and in operaon have unds a majority, oppointed in the property of the second of the conbust, not exceeding three, on the life of those voted for as Fraciality, the House of Representatives shall choose immediately, by habito, the votes shall be taken by States, the representation from each State having one vote; a quorum members from two-birds of the States, and a majority of all the States shall be necessary to a sholter. And if the House of Representatives of choice shall devolve upon them, before the fourth sky of March nerf following, then the case of the death or other constitutional disability of the President. The percon having the case of the death or other constitutional disability of the President. The specimen have been the state of the states of the states of the to the Vice-President, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thritis of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the Vice-President of the Visited States to that of

(Proclaimed 18 Dec., 1865.)
ARTICLE XIII.

Abolition of Slavery.

Theither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to

a. Congress shall have power to enforce this

(Proclaimed 28 July, 1868.)

ARTICLE XIV.
Citizenship, Representation and Debt.

r. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States and of the State wherein they reside. No State shall make or enforce any law which shall shridge the privileges or immunities of citizens of the privileges or immunities of citizens of the person of life, liberty, or property without due person of life, liberty, or property without due process of law, nor deny to any person within

its fursidiction the equal protection of the laws.

A Regressingatives shall be apportioned among a Regressingatives shall be apportioned among a mumbers, counting the whole number of persons in each State, excluding Indians not taxed in the state of t

3. No person shall be a Senstor or Representative in Congress, or election of President and two in Congress, or election of President and Millery, under the United States, of under any State, who, having previously taken an oath, as the contract of the Landson of Congress, or as an officer of the Landson of Congress, or as an officer of the Landson of Congress, as an executive or judicial officer of any State, to support the Constitution of the or rebellion against the same, or given aid and comfort to the enemies thereof. But Congress over the Congress of the Cong

4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection and rebellion, shall not be questioned. But assume or pay any debt or obligation incurred in sid of insurrection or rebellion against the United States, or any claim for the loss or emancipation of any shave; but all much debts, and the contract of the contract of

5. The Congress shall have power to enforce by appropriate legislation the provisions of this

(Proclaimed 30 March, 1870.)
ARTICLE XV.
The Franchise.

r. The right of the citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of race, color, or previous condition of servitude. 2. The Congress shall have power to enforce the provisions of this article by appropriate

(Declared in force 25 Feb., 1913.)
ARTICLE XVI.
Taxes on Incomes.

The Congress shall have power to lay and collect taxes ou incomes, from whatever source derived, without apportionment among the several States, and without regard to any census

(Declared in force, 32 May, 2913.)

ARTICLE XVII.

Direct Election of Senators.

t. The Senate of the United States shall be composed of two Senators from each State, elected by the people thereof, for six years; and each Senator shall have one vote. The electors in each State shall have the qualifications requisite for electors of the most numerous

a. When vacancies happen in the representation of any State in the Senate, the executive authority of such State shall issue write of election to fill such vacancies. Provided, That the Legislature of any State ray empower the executive thereof to make ten porary appoinment until the people fill the vacancies by

3. This amendment shall not be so construer as to affect the election or term of any Senato chosen before it becomes valid as part of the Constitution.

	Interior.	:	:	:	r-	:	:	:	:	:	:
+	Navy.	:	:	Sor R. Stoddert, Md. Sor R. Smith, Md. Sog J. Crowninshield, Mass.	aboo P. Hamilton, S.C. arr W. Jones, Pa. aba B. W. Crownin- shield, Mass.	1819 B. W. Crownin- shield, Mass. 1818 S. Thompson, N. F. 1883 S. L. Southard, N. J.	1825 S. L. Southard, N.J.	Se J. Branch, N.C. Sgr L. Woodbury, N.H. Sgr M. Dickerson, N.J.	1837 M. Dickerson, N.J. 1838 J. K. Paulding.	z84z G. E. Badger, N.C.	Bar G. E. Badger, N.C. Sar A. P. Upshur, Fa. Sag D. Henshaw, Moss. Sag T. W. Gfiner, Fo.
	Postmuster-General.	198 S. Osgood, Mass. 1991 T. Pickering, Mass. 1995 J. Habershum, Ou.	1997 J. Habersham, Ga.	afor J. Habersham, Ga. rier R. Stoddert, Md. stor G. Granger, Ct. reer R. Smith, Md. Md. 1895, J. Growinshield 1895, J. Growinshield Mass.	rseg G. Granger, Ct. 1 1814 M. J. Meign, Oldo, 1		18ag J. McLean, Ohio. 1	McP. Berrien ideo W.T. Barry, Kp. 1869 J. Branch, W.G., C. Trange, Md. 1858 A. Kendall, Kp., 1764 L. Woodbury, W.H. E. Butler, M.F.	CAN.	1841 F. Granger, N.F.	The Department of the second o
CABINETS, 1789-1884	Attorney-General.	789 N. Bradford, Pa. 794 W. Bradford, Pa.	190x T. Parsons, Mass.	1801 L. Lincoln, Mass. 1805 R. Smith, 17th, 1805 J. Brackinridge, 1807 C. A. Rodney, Del.	Beg C. A. Rodney, Del. Brz W. Pinkney, Md. Brq R. Rush, Pa.	1817 R. Rush, Pa.		chap J. McP. Borrien, Ga. Taney, Md. 1833 B. F. Butler, N.Y.	1838 F. Grundy, Tenn. 1898 F. Grundy, Tenn. 1840 H. D. Gilpin, Pa.	1841 J. J. Crittenden, 1841 F. Grangen, N.Y.	184 J. J. Crittenden, 184 H. S. Legaré, S.C. 1843 J. Nelson, Md.
PRESIDENTIAL	War.	1996 A. Hamilton, NK. 1999, H. Knox., Mass. 1994 N. Bautloub, Pa. 1996 O. Wolcott, Ct. 1996 J. Beitening, Mass 1994 N. Bautloub, Pa. 1996 O. Molcott, Phys. July 1995 C. Lee, Va.	ryy J. McHenry, Md. 1800 J. Marshall, Va. 1800 S. Dexter, Mass. 1801 R. Griswold, Of.	1801 H.Dearborn, Mass.	isto A. Gallatin, Pr., isto W. Enatta Main. isto C. A. Nodavy Del isto G. Granger Cl., sing C. W. Vampell, and A. Arackova, N.Y. text W. Pintaroy Mc., first M. J. Neign, Onto, isto, J. J. Dillar, Ph., isto, J. Dillar, Ph., isto, M. Chewford, On. isto, M. Chewford, On. isto, M. Chewford, On.	arry I. Shelby, Ky, 1875 G. Graham, Va, 1887 J. C. Calhoun, S.C.	18ag J. Barbour, Va., 18ag W. Wirt, Va.	1899 J. H. Eston, Tenn, 1899 J. McB. Borrion, 1837 L. Cass, Olio, A.Y.; 1837 R. B. Taney, M.C. 1837 B. F. Butler, A.Y.; 1838 R. B. Taney, M.C.	1437 L. Woolbury, N.H. '169y J. R. Polnsett, S.C. 169y B. F. Buther, N.Y. '169y A. Kendall, and F. L. Woolbury, Ten. (1999 J. B. Niles, 1899 J. B. D. (1919a).	r84r J. Bell, Tenn.	rat J. Bell, Tean, 11st J. McLeen, Olifo, 15t J. C. Spanen, N. J. L. Spanen, N. J. Lisa, J. M. Forter, Pa., 15t W. Wilkins, Pa.
	Treatury.	1789 A. Hamilton, N.Y. 1798 O. Wolcott, Ct.		rser S. Dexter, Mass, rser A. Gallatin, Pa.	zos A. Gallatin, Pa. zos G. W. Cumpbell, zos A. J. Dallas, Pa. zos W.H. Crawford, Ga.	shy J. Q. Adams, Mass. 1827 W.H.Crawford, Ga. 1827 J. Shelby, Ky. 1827 G. Graham, Va. 1827 J. C. Calhom, S. 1837 J. C. Calhom, S.	1828 R. Rush, Pa.	669 M. van Barsen, N. F. 1899 S. D. Frechaul, P.G. 1892 E. Mydlarte, D.R. 1893 E. Mydlarte, D.R. 1893 E. Mydlarte, D.R. 1893 W. J. Dunne, Per 1893 E. Mydlarte, D.R. 1894 E. Thursy, 101, 1893 E. Woodburty, N.R. 1893 E. Woodburty, N.R. 1893	1837 L. Woodbury, N.H.	1842 T. Ewing, Ohio.	184 T. Ewing, Ohio, 1841 W. Forward, Fu, 1863 J. C. Spancer, N. F. 1844 G. M. Bibb, Ey,
	Secretary of State.	1789 T. Jefferson, Va. 1794 E. Rundelph, Va. 1795 T. Pickering, Mass.	(1799-1861) 1799 T. Pickering, Mass, 1799 O. Wolcoth, Ch. (1799-1861) 1604 M. Matchall, Pa. 1604 M. Dexten, Mass.	Jose J. Madison, Fds.	ries R. Smith. Md.	1817 J. Q. Adams, Mass.	885:1889)	1831 B. Livingston, La. 1831 B. Livingston, La. 1833 L. McLante, Del. 1834 J. Forsyth, Gu.	1837 J. Forsyth, Ga.	1841 D. Webster, Mass. 1842 T. Ewing, Ohio.	184 D. Webster, Man. 1843 H. S. Legaré, &C. 1843 A. P. Upshur, Ya. 1844 J. C. Calhoun, &C.
	President.	(1769-1797)	(rygrigor)	Tefferson (1802-1809)	(1809-1817)	Montroe (1827-18ag)	Adams. (18ag-18ag)	(respressy)	Van Buren	Harrison	Tyler (1841-2845)

PRESIDENTIAL CABINETS, 1780-1884-continued.

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	Interior.		1849 T. Ewing, Ohio.	1899 J. A. Peares, Md. 1899 T. M. T. McKen- 1890 A. H. H. Stuart, 790,	1853 R. Mich. McClelland,	ies, J. Thompson, Miss.	1862 C. B. Smith, Ind. 1863 J. P. Usher, Ind.	1968 J. P. Usher, Jud. 1968 J. Harlan, Josep. 1968 O. H. Browning,	1850 C. Delano, Ohio, 1870 C. Delano, Ohio, 1875 C. Chandler, Mich.	1877 C. Schurz, Mo	1881 S. J. Kirkwond, 1882 H. M. Teller, Col.	91
	Navy.	rags G. Banoroft, Mass. 1846 J. Y. Mason, Va.	1849 W. B. Preston, Va. 1849 T. Ewing, Ohio.	1859 W.A.Graham N.C. 1859 J. P. Kennedy, Md.	1883 J. C. Dobbin, N.C. 1853 R. McClelland,	1887 I, Toucey, Ct.	1961 G. Welles, Ct.		869 A. E. Borie, Pa. 1869 G. M. Robeson, N.J.	1977 R. W. Thompson, 1862 N. Goff, W. Va.	189 W. H. Hunt, La.	
	Postmaster-General.	1845 C. Johnson, Tena.	1849 J. Collamer, Pf.	ings C.M. Cournd, Lo. 1859. J. Attenden, 1858. K. Rall, M.Y. Bley W.A. Chiban, N.G. 1859. J. A. Pareschi, 1859. W. C. Marker, J. C. 1859. J. P. Kounset, A.C. 1859. J. W.	1853 J. Campbell, Pa.	1895 J. S. Black, Pa. 1859 A. V. Brown, Term. 1897 J. Toucey, Ct. 1806 B. M. Stanton, Ohio, 1899 J. Holt, Kir.	186z M. Blair, Md. 1864 W. Dennison, Ohio.	Adaptament, N.T. delt M. McCulloch, Ledge R. R. Rentant collects, Speak R. Warring, 1996 (1994). General, N.T. delt M. McCulloch, Charles R. R. Rentant collects, Speak R. Marcher, Charles,	Gradi	1.677 D. McK. Key, 1877 R. W. Thompson, 1977 C. Schurz, Mo. 1896 H. Maynard, Term, 186x N. Vorl, W. Va.	Cartifold Hims., John 1. O. Stillers M., gin W. Wittens, Mon., John H. P. Likovin, Jr., John W. Markogh, P. P. W. T. Likovin, X. J. McPered Andreas, M. S. W. Cartifold M. W. M. Williams, J. W.	
hoor foly lawrence	Attorney-General.	rags J. Y. Mason, Va. 1846 N. Clifford, Me. 1848 I. Toucey, Ct.	1849 R., Johnson, Md.	1830 J. J. Crittenden,	Davis, 1853 C. Cushing, Mass.	1857 J. S. Black, Pa. 1866 E. M. Stanton, Ohio		1966 J. Speed, Ky. 1966 H. Stanbory, Olic. 1968 W. M. Brarts, N. 17.	1890 E. R. Hoar, Mass. 1890 A. T. Ackerman, Gar. H. Williams, Opt. 1895 E. Pierrepont, N. T. 1895 A. Tatt, Ohto.		1831 W. MacVeagh, Pa. 1881 B. H. Brewster, Pa.	
	War.	rag R. J. Walker, Miss. 1845 W. L. Marcy, N. P. 1846 N. Chifford, Mc.	Invoice 1849 J. M. Chayton, Del. 1849 W. M. Meredith, 1849 G. W. Crawford, 1849 R. Johnson, Md. (1849, 1859). Bress, Ro.	z850 C. M. Conrad, La.	1853 Jefferson Davis,	1857 J. B. Floyd, Va.	Lilroqin and W.H. Steward, N. Y. 1968, R. Charach, Ohio, 1969, R. Cameron, Pro. 1964, B. Liebe, Mo. 1969, W. P. Peneduchan, 1962, E. M. Ekanton, Ohio 1969, T. J. Colley, V. P. Peneduchan, 1962, E. M. Ekanton, Ohio 1969, T. J. Colley, P. P. 1969, H. McConlines, Proc. 1	1868 E. M. Stanton, Ohio 1867 U. B. Grant, III. 1868 L. Thomas, III. 1868 J. M. Schoffeld,	1969 J. A. Rawlins, III. 1969 W. T. Sherman, 2969 W. W. Belknap, 1995 A. Tatt, Okto. 1895 A. Tatt, Okto.	197 J. Sherman, Ohio, 1979 G., W. McCrary, 1979 C. Dovens, Mess.	1881 R. T. Lincoln, IR. 1881 R. T. Lincoln, IR.	
	Treasury.	1845 B. J. Walker, Miss.	z849 W. M. Meredith,			1957 Howell Cobb, Ga. 1857 J. B. Floyd, Va. 1958 P. F. Thomas, Md. 1952 J. Hole, Ky. 1958 J. A. Dix, N. Y.	196r S. P. Chane, Ohio. 1864 W. P. Fessenden, 1865 H. McCulloch, Ind.	r06g H. McCulloch, Ind.	zoeg G. S. Boutwell, zoez W. A. Richardson, zoez W. B. H. Bristow, Ky. zoez L. M. Morrill, Me.	1877 J. Sherman, Okto.	1881 W. Windom, Minn. 1881 W.Q. Gresham, Md. 1884 H. McCulloch, Ind.	
	Secretary of State.	1845 J. Buchanan, Pa	1849 J. M. Clayton, Del.	1850 D. Webster, Mass. 1850 T. Corwin, Ohio. 1852 E. Everett, Mass.	[1853-1857] 1853 W. K. Marcy, N. Y. 1853 J. Guthrle, Ky.	Buchanan 1887 L. Cass, Mich. 1889-1861 1866 J. S. Black, Pa.	1861 W.H. Seward, N.Y.	x66g W.H. Soward, N. Y.	1869 E. B. Waabburn, 1869 H. Flah, N.Y.	(1877-1881) 1877 W. M. Evarte,	Garfield (1981) 1981 J. G. Blaine, Mc. Arthur	
	President	Polk (1845-1849);	Taylor (r849,1850)	(1850-1853)	Pleree (1853-1857)	Buchanan [x857-x86x]	Lincoln (1861-1865)	Johnson (1855-1869)	(1869-1877)	Hayes (1897-188x)	Garfield (1881) Arthur (1881-1885)	

PRESIDENTIAL CABINETS, 1885-1012. GROVER CLEVELAND (Democrat), 1885-1889.

GROVER CLEVELAND (Democraf), 1889-1889.
Severdary of State, 1888, Thomas B. Bayard, Del.
Treatury, 1885, Deniel Manning, N.Y.
War, 188, Sh. Deniel Manning, N.Y.
War, 188, Deniel Manning, N.Y.
Manning, M. War, 188, Allian F. Vilas, War,
1880, Don M. Dickinson, Mech.
Nany, 1888, William C. Whilang, N.Y.
Interior, 1889, Lucius Q. C. Lennar, Mos.

1888, William C. Whilang, N.Y.
1889, William C. Whilang, N.Y.

Agriculture, 1889, Norman J. Colman, Mo. BENJAMIN HARRISON (Republican), 1889-1893.

DEMIAIN MARKING (Geputeum), obey-logs-Secretory of State, 889, James G. Blaine, Me. Secretory of State, 809, James G. Blaine, Me. Treatway, 809, Whys. John W. Fuder, Ind. Way, 1898, Redfield Protory, V. Way, 1898, Berlin E. Rikma, W. S. May, 1899, Berlin E. Rikma, W. S. May, 1899, Berlin E. Tarkay, V. F. Interior, 1899, John W. Noble, Me. Apriculture, 1899, Jermink M. Zinck, Wis.

GROVER CLEVELAND (Democrat), 1893-1897. Secretary of State, 1893, Waiter Q. Gresham, Ill.

1895, Richard Oiney, Mass.

Treasury, 1893, John G. Carlisle, Ky.

Way, 1893, Daniel S. Lamont, N. F.

Way, 1893, Daniel S. Lamont, N. Y.
Attorney-ferend, 1893, Etchard Oiney, Mass.
Postmaster-Gen., 1893, Milson B. Bissell, N. Y.
1895, William L. Wilson, W. V.
1895, William L. Wilson, W. V.
1895, William L. Wilson, W. V.
1807, 1893, Hilary A. Herbert, Ala.
1816-197, 1893, Hilary A. Herbert, Ala.
1826, David B. Francis, Mo.
1826, David B. Francis, Mo.

Agriculture, 1893, J. Sterling Morton, Neb.

WILLIAM MCKINLEY (Republican), 1897-1901. Secretary of State, 1897, John Sherman, Ohio.

1897, William B. Day, Ohio.

1898, William B. Day, Ohio.

1898, John Hay, Ohio.

7 rectary, 1897, Lyman J. Gage, 10.

1899, Elihu Root, N.Y.

1 1899, fillin Root, N.T.
1 1899, fillin Root, N.T.
1 1899, fillin Root, N.T.
1 1993, Filliander C. Roor, Pa.
1 1993, Filliander C. Roor, Pa.
1 1994, Filliander C. Roor, Pa.
1 1 1994, Filliander C. Roor, Pa.
1 1994, Fillia

THEODORE ROOSEVELT (Republican), 2001-1909. Secretary of State, 1901, John Hay, Ohio.

pop, Charles J. Bonsparte, Md. pop, Charles J. Wynne, P. 1994, Robert J. Wynne, P. W. 1994, Robert J. Wynne, P. W. 1994, George von L. Meyer, Mass. 1994, William H. Moody, Mass. 1994, William H. Moody, Mass. 1994, Paul Morton, Mt. De, Md.

" 1904, Paul Morton, Ill."

1904, Charlies J. Bonaparto, Mr.

1905, Charlies J. Bonaparto, Mr.

1905, Trunan H. Newberry, Mich.

1907, James R. Garfleid, Oxfo.

297, James R. Garfleid, Oxfo.

297, James R. Garfleid, Oxfo.

297, James R. Garfleid, Oxfo.

290, Victor H. Metcalf, Cal.

1906, Oxfo. S. Stung, K. C.

WILLIAM H. TAFT (Republican), 1909-1913.

Secretary of State, 1909, Philander C. Knox, Pa. Treasury, 1909, Franklin MacVeagh, Ill. War, 1909, Jacob M. Dickinson, Tena. 1911. Henry L. Stimson, N.Y. Attorney-Gen., 1909, George W. Wickersham, N.Y.

Attorney-Gen., 1909, George W. Wickelsham, A. Y. Postmaster-Gen., 1909, Frank H. Hitcheock, Mass. Naws, 1909, George von L. Meyer, Mass. Interior, 1909, Richard A. Ballinger, Wash.

1911, Walter L. Fisher, Ill.
Agriculture, 1909, James Wilson, Joura.
Commerce and Labor, 2909, Charles Nagel, Mo.

Woodrow Wilson (Demecrat), 1913-1917.

WOOLDO'S WILOOK (Democraf), 1913-1917.
Secretary of East, 1913, William J. Bryan, No.
Secretary of East, 1913, William G. McActoo, N. Y.
War, 1913, India G. McActoo, N. Y.
Attorney-Gen., 1923, James C. McReynor, Texas,
Namy, 1924, Josephia Banish, N. C.
Namy, 1923, Josephia Banish, N. C.
Argiestario, 1923, David F. Houton, Mc
Commerce, 1923, William C. Redfield, N. Y.
Lebor, 1923, William D. When, Penn.

WHITE HOUSE RULES. THE following rules have been arranged for

during the Winter of 1914-15.

The Cabinet will meet on Tuesdays and Fridays from 11 AM. utili x P.M.
Senators and Representatives having business to transact will be received from 1.9 AM. to tra M., excepting on Cabinet days. In view of

telephone for an appointment before calling, as many will have first made appointments in this way, and those calling without appointments are therefore necessarily delayed in seeing the

The East Room will be open daily, Sundays excepted, for the inspection of visitors, between the hours of zo A.M. and z P.M.

JOSEPH P.

THE Executive power is vested in a President, who is elected every four years, and is eligible for re-election. The mode of electing the President is as follows:—Each State appoints, in such manner as the Legislature thereof directs (they are now elected by popular vote on the first Tuesday after the first Monday in November of the year preceding the year Senators and Representatives to which the State may be entitled in the Congress; but no Senator or Representative, or anyone holding office under Government, shall be appointed an elector. The electors for each State meet at their respective State Capitals on the second Monday of the January following, and there vote for a President by ballot. The ballots are then sent to Washington, and opened on the second Wednesday of February by the President of Senate in presence of Congress, and the candidate who has received a majority no one has a majority, then from the three highest on the list the House of Representatives

President and Vice-President, a statute provides for the succession of the Secretary of State, Secretary of the Treasury, Secretary of War, Attorney-General, Postmaster-General, Secretary The President must be 25 years of age and a native citizen of the United States. He

they are in Federal service), and he commissions all officers therein.

(2) With the consent of the Senate, be appoints the Cabinet officers and all the chief

(3) He services a general supervision over the whole Federal Administration and sees that the Federal Laws are duly carried out. Should disorder arise in any State which cauthorities thereof are unable to suppress, the aid of the Fresident may be invoked: (4) He conducts the Foreign Policy of the Republic, and, with the approval of the Senate, ngcotates Treates with Foreign Powers. The Declaration of War rests with Congress.

(5) He makes recommendations of a general nature to Congress, and when laws are passed by Congress he may return them to Congress with a veto. But if a measure so vetoed is again passed by both Houses of Congress by a two-thirds majority in each House, it becomes law, notwithstanding the objections of the President. THE PRESIDENT.

President of the United States, Woodrow Wilson, of New Jersey (born at Staunton, Va.,

office 4 March, 1913, until 4 March, 1917. Democrat.

Vice-President of the United States (and ex-officio President of the Senate), Thomas Riley

THE CABINET.

Secretary of State, Robert Lansing, of New York (born 1864, admitted to the Bar 1889),

a decreasing by Static, would be supported by the state of the state o

Special Assistant Attorney-General 1913-1914), appointed 19 August, 1914.

6. Postmaster-General, Albert Sidney Burleson, of Texas (born 1863, admitted to the Bar 1884, member of Congress 1899-1913), appointed 5 March, 1913.
7. Secretary of the Navy, Josephus Daniels, of North Carolina (born 1862, Chief Clerk Dept.

of the Interior 1893-95), appointed 5 March, 1913.

8. Secretary of the Interior, Franklin Knight Lane, of California (born 1864, Interstate

Commerce Commissioner 1905-1913), appointed 5 March, 1913.
Secretary of Agriculture, David Franklin Houston, of Missouri (born 1866, Chancellor of the

Washington University, St. Louis, 1908-1913), appointed 5 March, 1913.

Secretary of Commerce, William C. Redfield, of New York (born 1858, Member of Congress 1911-1913), appointed 5 March, 1913.
Secretary of Labor, William Bauchop Wilson, Congress 1907-1913), appointed 5 March, 1913.

Wilson, of Pennsylvania (born 1862, Member of

DEPARTMENT OF STATE. New York and Pennsylvania Aves., Washington,

The Dipartment of State has cominance of all matters appetrations to Fersian Affairs, including correspondence with Representatives of the according to the property of the state of the state of the state of the state of the Cart State of the Cart State of the U.S. The Secretary of State is the custodian of the Great State of the U.S. which is affactly and to warrants of extradition; he is also the Cantolian of the Law of the U.S. and of Treaties made with Foreign Fowers. He grants and green reports made by Diphonatics and Consultar officers of the U.S. He is the medium of continuous control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the State of the U.S. He is the medium of control of the Cart State of the Cart Sta

Albort H. Putney, III.

Albort

John K. Buck, Me.
Chief, Bureau of Accounts, William
McNeir, Mich.
Chief, Bureau of Rolls and Library, John
A. Tonner, Ohio.
Chief, Division of Information, John H.
James, Ohio.

James, Ohio 3,

DEPARTMENT OF THE TREASURY. 15th Street. Washington. D.C.

The Steretary of the Treasury prepares and such as mainly to Congress estimates of the collects and manages the revenue, and readers accounts of the payments and balances. He controls the mining and printing of money, and the administration of the revenue cutter service, and also of the Illeavaing, public health, and maxime hospital services, and the construction of public buildings.

Secretary of the Treasury, William Gibb

Chief, Bureau of Engraving and Printing,

6,000

Joseph E. Ralph, III.

Chief, Appointments Division, James E.

Harper, S.C.

Chief, Book-keeping and Warrants Division, Charles H. Miller, Mass. Chief, Customs Division, Frank M. Hal-

Chief, Loans and Currency, William S. Broughton, Ill. Register, Houston B. Techee, Okla.

Treasurer of the Currency, John Skelton Williams, Va.

Commissioner of Internal Revenue, Wm.

Commissioner of Internal Revenue, Wm. H. Osborn, N.C. Deputy do. David A. Gates, Ark., \$4,000; G. E. Fletcher, La., \$3,600; Luther F.

Speer, Pa.
Solicitor of Internal Revenue, Ellis C. Johnson, Wash.
Auditor of Treasury, Samuel Patterson,

Auditor of War Dept., James L. Baity, Mo.
Auditor of Interior, Oscar A. Price,
W.Va.
Auditor of Nam. Edward Luckow, Wie.

Auditor of Navy, Edward Luckow, Wis... Auditor of State, Edward D. Hearne, Del. Auditor of Post Office, Charles A. Kram, Pa. Captain Commandant, Coast Guard of the U.S., Ellsworth P. Bertholt, NJ. Chief of the Secret Service, Wm. F. Flynn,

N.Y Supervising Surgeon - General Public Health and Marine Hospital, Rupert

General Customs Ann

Federal Reserve Board.

Governor, Charles S. Hamlin, Mass, Jerm expires 1916; Vice-Governor, Frederic A. Delano, J.L., term expires 1920; Yan M. Warhung, M.Y., term expires 1920; W.P. G. Harding, Ada, term expires 1922; A. G. Miller, Oct., term expires 1922; A. G. Miller, Oct., term expires 1924; m. a.m., and Stagoo The Secretary of the Treasury and the Comptroller of the Currency, exp offset 1920.

DEPARTMENT OF WAR.
(17th Street and Pennsylvania Ave., Washington, D.C.)

The Secretary of War prepares estimates of the expenses of the Department of War, and supervises the expenditure of all appropriations Solicitor, Dept. of Labor, John B. Dens-

Attorney in charge of Pardons, James A. Finch, N.Y. Duchay, D.C.

Appointment Clerk, C. B. Sornborger, Vt. POST OFFICE DEPARTMENT. Office of the Postmaster-General. Postmaster-General, Albert S. Burleson,

5,000

Secretary of the Navy, Josephus Daniels, Private Sec., Howard A. Banks

Assistant Sec., Franklin D. Roosevelt

Chief Clerk, Frank S. Curtis

Chief of Naval Operations, Rear-Adm.

W. S. Benson

2,500

made by Congress for that Department. He	
also supervises the Military Academy at West	
Point, the National Cometeries, the Board of Ordnance and Fortification, the improvement of	Ш
rivers and harbors and matters appartaining	
rivers and harbors, and matters apportaining to navigation. He approves the planning and	п
construction of bridges over navigable waters as	
authorized by Congress, and is responsible for	
the construction of the Panama Canal.	
Secretary of War, Lindley M. Garrison, N. J. \$12,000	
Private Sec., Walter R. Pedigo, Virginia 2,500	II.
Assistant Secretary, Henry Breckinridge,	
Assistant and Chief Clerk, J. C. Scoffeld,	ı
Ga 4.000	
Chief of Staff, Maj. Gen. Hugh L. Scott 8,000 Adjutant-General, Brig. Gen. Henry P.	
Adjutant-General, BrigGen. Henry P.	
McCain 6,000 Inspector-General, BrigGen. E. A. Gar-	
Inspector-General, BrigGen. E. A. Gar-	ľ
Judye-Advocate-General, BrigGen. E. H.	
Crowder	a.
Crowder	
Aleshire 8.000	11
Aleshire	
Carroll A. Devol	
Chief, Supposes Division, BrigGen. H. G.	
Sharpe 6,000 Surgeon-General, MajGen. William C.	в
	К
Kingman 6,000 Chief of Ordnance, BrigGen. William	
Chief of Ordnance, Brig. Gen. William	ľ
Chief Signal Officer, BrigGen. George P.	
Scriven	
Scriven 6,000 Chief of the Bureau of Insular Affairs,	
BrigGen. Frank McIntyre 6.000	13
DEPARTMENT OF JUSTICE.	
(1435 K Street, N.W., Washington, D.C.)	0
The Attorney-General is the chief law officer of	12
the Government and head of the Department of	1
Justice. He advises the President and the chief executive officers on legal questions arising out	6
of their administration, and generally supervises	5
the U.S. attorneys and marshals in judicial	
districts. He provides special counsel when	
required to do so by a department of the	0
Government of the U.S.	1
Attorney-General, Thomas Watt Gregory.	

sistant A.G., Court of Customs Appeals, Bert Hanson, N.Y.

Sharpe 6,000	Austri, meconiti
Surgeon-General, MajGen. William C.	Chief Insp., John C. Koons, Maryland 4,000
Gorgas	Chief Clerk, Chief Insp., John W. Johns-
Chief of Engineers, BrigGen. Dan C.	ton, New York 2,000
	Appoint. Clerk, George S. Paull, Ohio 2,000
Chief of Ordnance, BrigGen. William	Disb. Clerk, William M. Mooney, Ohio 2,250
· Crozier 6.000	Asst. Attorneys, J. Julien Southerland,
Chief Signat Officer, BrigGen. George P.	N.C., \$2,750; DeLeon Carlton, N.C.,
Scriven 6.000	\$2,500; John A. Nash, Pa.; Edwin
Chief of the Bureau of Insular Affairs,	A. Niess, Pa. 2,000 Bond Exam., Elmont B. Hazard, D.C. 2,500
BrigGen. Frank McIntyre 6,000	Chairman, Board of Inspection, Terence
DEPARTMENT OF JUSTICE.	C. Sumvan, Pa 2,000
(1435 K Street, N.W., Washington, D.C.)	Office of the First Assistant Postmaster-General
The Attorney-General is the chief law officer of	First Assistant P.M.G., D. C. Roper, S.C. \$5,000
the Government and head of the Department of	Chief Clerk, Roscoe C. Knox, Cal 2,500
Justice. He advises the President and the chief	
executive officers on legal questions arising out	Office of the Second Assistant Postmaster-General.
of their administration, and generally supervises	Second Assistant P.M.G., O. Praeger, Tex. \$5,000
the U.S. attorneys and marshals in judicial	Chief Clerk, Aleyne A. Fisher, Ver 2,500
districts. He provides special counsel when	
required to do so by a department of the	Office of the Third Assistant Postmaster-General
Government of the U.S.	Third Assistant P.M.G., A. M. Dockery,
Attorney-General, Thomas Watt Gregory,	Miss
Tex	Chief Clerk, William J. Barrows, Miss 2,500
Private Sec., John T. Suter, D.C 3,000	Office of the Fourth Assistant Postmaster-General
Solicitor-General, John W. Davis, W. Va 10,000	
Assistant to Attorney - General, George	Fourth Assistant P.M.G., James L. Blaks-
Carroll Todd, N.Y 9,000	lee, Pa. \$5,000 Chief Clerk, J. King Pickett, Alabama 2,500
Assistant Attorneys-General, Samuel Hus-	Correst Chern, v. King Pickett, Attituding 2,500
ton Thompson, jr., Col.; Samuel J.	
Graham, Pa.; Ernest Knaebel, Col.; William Wallace, jr., Mont.; E.	DEPARTMENT OF THE NAVY.
Marvin Underwood, Ga.; Charles	OF Ward Described Asses Wester to Day
	(N.Y. and Pennsylvania Aves., Washington, D.C.)
Solicitor, Post Office Dept., William H.	The Secretary of the Navy superintends the
Lamar, Md 5,000	construction, manning, equipment, armament,
Solicitor, Interior Dept., Preston C. West.	and employment of all vessels of the U.S. Navy,
Olda Stranger	and executes such duties as may be assigned to

5,000

Chief of Med. and Surg., Wm. C. Braisted

DEPARTMENT OF INTERIOR. (P. Street, Washington, D.C.)

The Secretary of the Interior deals with all husiness relating to the Territory of Alaska and the Dependencies of the U.S., and to education, railroads, mines and mining, irrigition, patents Secretary of the Interior, Franklin K. Lane,

Assistant Secretary, Bo Sweeney, Wash.... Chief Clerk, Ezekiel J. Ayres, N.J.

Indian Aparis, Caso Cons.
Asst. do., Edgar B. Meritt,
Patents, Thomas Ewing, N.Y.

Let do James T. Newton, Ga....

Smith, Me.

Reclamation Service, Director and Chief Empineer, Arthur P. Davis, Kans. ..., Bureau of Mines, Vannoy H. Manning, Miss.

DEPARTMENT OF AGRICULTURE (The Mall, Washington, D.C.)

Sec. of Agricul., David F. Houston, Mo. Private Sec., Floyd R. Harrison, Va. .

Chief, Office of Information, George W. Wharton, N.Y.

In Charge, Office of Inspection, Alex. McC.

Asst. do., C. C. Clark, Pa.
Chief Clerk, do., Edgar R. Calvert, Ill.
Chiefs of Divisions, Weather Bureau,
A. J. Heury, Pa., \$3,500; W. S. Humphreys, Va., \$3,500; H. E. Williams,
Conn., \$2,350; H. E. Williams,
Conn., \$2,350; C. Abbe, N. F., \$3,000;
W. R. Blair, Id., \$2,880; H. H. Klin-M. H., \$2,880; D. L. Maring, Mich., \$2,750; P. C. Day, Md., \$2,500; R. Seyboth, D.C., \$2,500; C. F. Tal-man, Md., \$2,400; J. P. Church, Ohin,

\$2,000; B. C. Kadel, Pa., \$2,000; J. U. Monroe, Va. Chief, Bureau of Animal Industry, Alouzo D. Melvin, Ill.

A. 1a) or, McA.

Horticulturist, Lee C. Corbett, W. Va. ...

Botanist, Frederick V. Colville, N.Y.

Pomologist, H. P. Gould, Md.

Chief, Die. of Accounts, A. Zappone, D.C.

DEPARTMENT OF COMMERCE. (19th Street and Pennsylvania Ave., Washington,

the Act of Congress relating to the equipment of the Treasury) of regulations for the enforcement of the Food and Drugs Act of 1906 and the

Insecticide Act of 1910.
See. of Commerce, Win. C. Redfield, N.Y. \$12,000
Private Secretary, U. Grant Smith, N.Y. 2,500
Assistant Secretary, Edwin F. Sweet, Mich. 5,000 Assistant Sevetary, Edwin F. Sweet, Mich. Private See, Robert H. Claury, Mich. Ch. Glerk and Supt. Geo. C. Havenner, D. Ch. Clark and Supt. Geo. C. Havenner, O. Dolbering Geo. Geo. George Colonies, Older Geo. C. C. Ch. Piece, G. C. C. Ch. Piece, G. C. Ch. Piece, F. Willer, Francisk B. Die Vangina, Geo. Die et al. Geo. Piece, S. C. C. Common, F. George, N. C. Common, F. George, G. C. Common, F. George, G. C. Common, F. George, Ruyal E. Wing Petit, N. F. Dir. Birenta of Standards, S. W. Stratton, H. C. Common, F. George, Ruyal D. Wing Petit, N. F. Common, F. George, Ruyal D. Wing Petit, M. F. Common, F. George, Ruyal D. W. Stratton, H. G. Common, F. George, Ruyal D. W. Stratton, J. C. Common, F. George, Ruyal D. W. Stratton, J. C. Stratton, J

5,000

Supervising Inspector General, Steamboat-Inspection Service, George Uhler, Penn. 4,000

Paris, France—C. W. A. Veditz.
Berlin, Germany—Erwin W. Thompson.
Petrograd, Russia - Henry D. Baker.
Peking, China—Julean H. Arnold.

DEPARTMENT OF LABOR.

(17th Street and Pennsylvania Avenue, Washington, D.C.)

The Secretary of Labor is appointed to foster, promote, and develop the welfare of the wage-carners of the U.S.; to improve their working conditions and to advance their opportunities

abor disputes, and investigate matters pertaining to the welfare of children.
Secretary of Labor, William B. Wilson, Pa. \$12,000 Secretary of Labor, withhall B. Wilsoli,
Assistant Secretary, Louis F. Post, Ill. 5,000
Chief Clerk, Rohert Watson, Mass. 3,000
Disbursing Clerk, George G. Box, N.Y. 3,000
Comm.-Gen. of Immigrat, A. Caminetti, Cal. 5,000
Comm.-Gen. of Immigrat, R. K. Campbell, Va. 4,000

BOARD OF INDIAN COMMISSIONERS,
The Board washington, Di.
The Board was grassy (Whitness containing without salary in regd the Indian population of the U.S. was grassy (Whitness containing the Board washington of the U.S. was grassy (Whitness Containing the Board washington), C. Edward was grassy (Whitness and Whitness and Whitness and Whitness and Whitness and Whitness (Whitness and Whitness on June 30, 1914, amounted to \$667.454.639

Chairman, George Vaux, ir., Pa.
Members, Daniel Smiley, N.F.; Merrill E. Gates,
D.C.; William D. Walker, N.F.; Warren
K. Moorehead, Mass.; Samuel A. Ellot,
Mass.; Frank Khox, N.H.; E. E. Ayer, Rl.;
Isidore E. Dockweller, Cal.; Wim. H.

Secretary (vacant).

CIVIL SERVICE COMMISSION,

The Civil Service Commission holds annual examinations for the general public service in various parts of the country for close on 60 per cent. of the 400,000 positions in the Executive

Commissioners, Charles M. Galloway, S.C.; Hermon W. Craven, Wash. each 4,000

1729, New York Avenue, N.W., Washington, D.C. The Commission of Fine Arts was created by Congress 17 May, 1910, to advise generally

President or by any committee of either House of Congress. Under this latter provision its functions have been enlarged by Executive Order public buildings, public parks, within the D.C. An expenditure not exceeding \$10,000 in any one year is authorized by Congress for traveling and other expenses. The members serve with-

out remuneration.

Chairman, Charles Moore, Detroit, Mich.

Fice-Chairman, Frederick L. Olmsted, Maes.

Members, Thomas Hastings, N.Y.; Cass Gilbert,
N.Y.; Edwin H. Blashfield, N.Y.; Peirce
Anderson, III.; Herbert Adams, N.Y.

Secretary and Executive Officer, Co., William H.

GEOGRAPHIC BOARD OF THE U.S.,

The Geographic Board of the U.S. determines all unsettled questions concerning geographic names, and all names suggested for places or districts are referred to the Board before publi-cation. The Board also advises all departments of the Government on maps and map-making. Chairman, Andrew Braid.

North Capitol Street, Washington, D.C.

in 1861, and represents an expenditure of close on \$16,000,000, the annual cost of operation and on \$10.000.000, the annual cost of operation and maintenance being \$5,000,000. In addition to the printing of all Government publications, the office issues a Style Book, which regulates the spelling and treatment of all words employed in

INTERNATIONAL WATERWAYS

U.S. Members.

Chairman, Brig. Gen. O. H. Ernst, U.S. A. (retired). Members, George Clinton; Prof. E. E. Haskell. Secretary, W. E. Wilson.

Canadian Members.

Chairman, Sir George C. Gibbons, Kt., K.C., Members, Louis Coste; William J. Stewart. Secretary, Thomas Côté, Ottawa.

supervision over all common carriers engaged

Secretary, George B. McGinty, Ga. 5,000
Assistant Secretary, Alfred Holmead, D.C. 3,000

The Library of Congress was established in 1800 and replenished in 1841-1842, and since that and since that date increased (x) by regular annual appropria-tions by Congress (\$56,000 for books and periodicals); (a) by deposits under the copy-right law; (3) by gifts and exchanges; (4) by the exchanges of the Smithsonian Institution, the library of which (40,000 volumes) was, in 12866, deposited in the Library of Congress, with the stipulation that future accessions should the attpulation that future accessions should follow it. It comprises a,53,873 printed books and pamphlets, the floor space of the building (crected at the cost of \$5,34,000, and first occupied in 1897) being 430,255 square feet, and the capacity of the book stacks 3,540,000 octavo volumes and 84,000 volumes of newspapers, the shelving extending to nearly 100 miles. The library is maintained by Congress,

Chief Assistant Librarian, Appleton P. C. Griffin

U.S. MILITARY ACADEMY, West Point, N.Y.

The United States Military Academy for training cadets for commissions in the U.S. Army was founded at West Point, on the west bank of the Hudson River, in 1803. Superintendent, Col. Clarence Page Townsley, Coast Artillery Corps, U.S. Army.

NATIONAL BOTANIC GARDEN, Pennsylvania and Maryland Avenues, Washington, D.C.

NATIONAL MUSEUM.

NAVAL ACADEMY.

in 1845 for the education of officers for the Navy.

Superintendent, Capt. Edward W. Eberle, U.S.

NAVAL OBSERVATORY, Observatory Circie, Washington, D.C. Superintendent, Capt. John A. Hoogewerff, U.S.

Washington of the 20 Latin American Governan expenditure of \$x, 100,000, towards which Mr.
Andrew Carnegie contributed \$850,000 and the
American Governments the remainder. Its list

on principa-content includes: — 57,500
Director-General, John Barrett, D.C. \$7,500
Assistant Director, F. J. Yanes, Venezuela 4,000
Chief Clerk & Editor, Franklin Adams, Cal. 3,000
Chief Statistician, William C. Wells, Md. 3,700
Trade Expert, W. A. Reld, Washington,

The Smithsonian Institution owes its origin to a legacy left by James Smithson, a natural son of the first Duke of Northumberland, who died in 1829, and bequeathed the sum of \$515,000 one in reas, and requestines the sum of spats, see "for the increase and diffusion of knowledge among men." The founder died in England, but his body was brought over and interred in the Institution in spat. The Institution encourages research, and is the chief promotor of scientific investigation of the climate, products, and

investigation of the chimate, produces, antiquities of the U.S. Secretary, Charles D. Walcott.

Assist. Secretaries, Richard Rathbun (Museum);

Froderick W. True (Library and Exchanges).

JUDICATURE OF THE UNITED STATES.

THE Federal Judiciary consists of three sets of Federal Courts: (1) The Supreme Court at Washington, D.C., consisting of a Chief Justice and eight Puisne Judges, with original jurisdiction in cases affecting Ambassadors, &c., or where a State is a party to the suit, and with appellate jurisdiction from inferior Federal Courts. (2) The Circuit Courts of Appeal, dealing with appeals from District Courts, and consisting of the Justice of the Supreme Court for the Circuit and all the Circuit and District Judges within the Circuit. (3) The District Courts, eighty-seven in number, each served by a District Court Judge—sometimes by two or more judges. In two States—Mississippi and Tennessee—two districts are

THE SUPREME COURT.

(The Capitol, Washington, D.C.) Chief Justice, Edward D. White, La., born 1845. apptd. 1910\$15,000

Associate Justices (each \$14,500) Joseph McKenna, Cal. 1843. Oliver W. Holmes, Mass. 1841 .1898

OIDI. Willis Van Devanter, Wyo. 1859

Joseph R. Lamar, Ga. 1857

Mahlon Pitney, N.J. 1858

James C. McReynolds, Tean. 18621910 .. Igio

Supreme Court Officers.

 Clerk, James D. Maher, N.Y.
 \$6,000

 Marshal, Frank K. Green, D.C.
 4.500

 Reporter, Charles H. Butler, N.Y.
 4.500

CIRCUIT COURTS (each \$7,000). First Circuit.

(Districts of Me., N.H., Mass., R.I., and Porto Rico.) Justice, O. W. Holmes, Boston, Mass.

Circuit Judges, William L. Putnam, Portland, Me.; Frederick Dodge, Boston, Mass.; George H. Bingham, Manchester, N.H.

Second Circuit. (Districts of Vt., Conn., and Northern, Eastern, Southern, and Western N.Y.)

Justice, Charles E. Hughes, N.Y.
Circuit Judges, H. G. Ward, N.Y.; E. Henry
Lacombe, N.Y.; Alfred C. Coxe, Utica, N.Y.;
Martin A. Knapp, N.Y.; Henry Wade Rogers,
Netchaven, Conn.

Third Circuit.

(Districts of N.J., Eastern, Western, and Middle Pa., and Del.).

Justice, Mahlon Pitney, N.J. Circuit Judges, Joseph Bufington, Pittsburg, Pa.; John B. McPherson, Philadelphia, Pa.; Victor B. Woolley, Wilmington, Det.

Fourth Circuit.

(Districts of Md., N. and S. W. Va., E. and W. Va., E. and W. Va., E. and W. N.C. and S.C.)

Justice, Edward D. White, La. (Chief Justice),

Circuit Judges, J. C. Pritchard, Asheville, N.C.;

Charles A. Woods, Marion, S.C.

Sixth Circuit

(Districts of N. and S. Okio, E. and W. Mich., E. Middle, and W. Tenn., E. and W. Ky.) Justice, William R. Day, Ohio. Circuit Judges, Arthur C. Denison, Grand Rapids, Mich.; J. W. Warrington, Concinanti, Ohio; L. E. Knappen, Grand Rapids, Mich.

Seventh Circuit.

(Districts of Ind., N., E., and S. Ill., E. and W. Wis.)

Justice, James C. McReynolds, Tenn.
Circuit Judges, Francis E. Baker, Hammond, Ind.; C. C. Kohisaat, Ckicago, Ill.; Julian W. Mack, Chicago, Ill.; and one wacancy.

Eighth Circuit.

(Districts of Ariz., N. and S. Cal., Ore., Nov., E. and W. Wash., Idaho, Mont., and Alaska and Hawaii.)

and Hascens.)
Justice, Joseph McKenna, Cal.
Circuit Judges, William M. Morrow, San Francisco, Cal.; William B. Gilbert, Portland,
Ore.; Erskine M. Ross, Los Angeles, Cal.;
William H. Huut, Helena, Mont.

DISTRICT JUDGES (each \$6,000).

Alabams.

Northern, William I. Grubb, Birmingham, Middle and Northern, Henry D. Clayton, Mont-

Alaska.

First, Robert W. Jennings, Juneau. Second, John Randolph Tucker, None. Third, Frederick M. Brown, Valdez. Pourth, Charles E. Bunnell, Fair-ants, Salary of each judge, \$7,500.

Dooling, San Francisco.
Southern, Oscar A. Trippet, Los Angeles; Benjamin F. Bledsoe, San Bernardino.

District, Robert E. Lewis, Denver.

District, Edwin S. Thomas, New Haven.

District, Edward G. Bradford, Wilmington.

Northern, William B. Sheppard, Pensacola, Southern, Rhydon M. Call, Jacksonville.

Georgia.

Northern, William T. Newman, Atlanta.

Southern, Emory Speer, Macon; and Wm.

Hawaii.

District, Sanford B. Dole and Charles F.

Idaho.

District. Frank S. Dietrich. Boise.

Illinois,

Northern, G. A. Carpenter and Kenesaw M.
Landis, Chicago,

Landis, Chicago. Eastern, Francis M. Wright, Urbana. Southern, J. O. Humphrey, Springfield.

Indiana.

District, A. B. Anderson, Indianapolis.

Northern, Henry T. Reed. Cresco. Southern, Martin J. Wade, Iowa City.

Kansas.

District, John C. Pollock, Kansas City.

Kentucky.

Eastern, A.-M. J. Cochran, Maysville,
Western, Walter Evans, Londoville.

Louisiana. Fastern, R. E. Foster, New Orleans.

Maine.

District, Clarence Hale, Portland

Massachusetts.

District, James M. Morton, jr., Boston.

Eastern, Arthur J. Tuttle, Detroit. Western, C. W. Sessions, Grand Rapids.

District, Page Morris, Duluth; and Wilbur F. Booth, Minneapolis.

Mississippi.
Northern and District, H. C. Niles, Kosciusko.

Missouri.

Eastern, D. P. Dyer, St. Louis. . Western, A. S. Van Valkenburgh, Kansas City.

Montana.

District, George M. Bourquin, Bu Rebrasks.

District, William H. Munger, Omaka; and Thomas C. Munger, Lincoln.

District, E. S. Farrington, Carson City.

New Hampshire,
District, Edgar Aldrich, Littleton.
New Jersey.

District, John Rellstab, Trenton; and Thomas G. Haight, Jersey City.

New Mexico.

District, William H. Pope, Santa Ft.

New York.

Northern, George W. Ray, Norwich.
Southern, C. M. Hough, Learned Hand, Jülius M.
Mayer, and Augustus N. Hand, New York
City.

Eastern, Thomas I. Chatfield and Van Vechten Veeder, Brooklyn. Western, John R. Hazel, Buffalo.

North Carolina.

Bastern, H. G. Copnor, Wilson.
Western, J. E. Boyd, Greensboro.

estern, J. E. Boyd, Greensboro.

North Dakota.

District, Charles F. Amidon, Fargo.

Ohio. Northern. John M. Killits. Toledo: and John H.

Clarke, Cleveland.
Southern, Howard C. Hollister, Cincinnati; and
John E. Sater, Columbus.

Oklahoma. stern, R. E. Campbell, Muskogee

Western, J. H. Cotteral, Guthrie.

District, C. E. Wolverton and R. S. Bean, Por-

Panama Canal Zone.

District, William H. Jackson, Ancon.

Eastern, J. W. Thompson and Oliver B. Dickinson, Philadelphia.

Middle, C. B. Witmer, Sunbury.

Western. Charles P. Orr and W. H. Seward

Thomson, Pittsburg.

District, Peter J. Hamilton, San Juan

Rhode Island.

District, Arthur L. Brown, Providence.

South Carolina.

Eastern District, Henry A. M. Smith, Charleston.

Western ,, Joseph T. Johnson, Spartanburg.

South Dakota.

District, James D. Elliott, Sioux Falls.

Tannessee.

Eastern and Middle, Edward T. Sanford,
Knowville.

Texas.

Eastern, Gordon Russell, Sherman.

Western, Thomas S. Marcy, Austin.

Vorthern Edward R. Meck, Dollar.

Western, Thomas S. Maxey, Austin. Northern, Edward R. Meek, Dallas. Southern, Walter T. Burns, Houston. Utah.

District, John A. Marshall, Salt Lake Cit.

District, Harland B. Howe, St. Johnst
Virginia.

Fastern P. Weddill inn Pickwood

Judicature of the	e U.S.—Courts.	101
Washington. Bastern, F. H. Rudkin, Spokare. Wastern, Edward E. Cushman, Tacoma; and Jeremish Neterer, Seattle. West Virginia. Northern, A. G. Dayton, Philippi. Southern, B. F. Reller, Charleston. Wisconsin. Eastern, Ferdinand A. Gelger, Minouske.	First Circuit (Honotute), Clarence W. Ashtord; W. L. Whitney; Thomas B. Stuart Whitney; Thomas S. Edings. Third Circuit (Waitute, Maui), William S. Edings. Third Circuit (Kaitute), John A. Matthewman. First Circuit (Hill), Charles F. Parsons Forth Circuit (Hill), Charles F. Parsons	\$4,000 4,000 4,000 4,000
Western, A. L. Sanborn, Madison.	Porto Rico.	
Wyoming. District, John A. Riner, Cheyenne. TERRITORIAL COURTS.	Supreme Court. Chief Justice, José C. Hernandez, San Juan Associate Justices, Emilio del Toro; Pedro De Aldrey; Adolf Grant Wolf; Harvey M. Hutchison	\$5,000
District of Columbia.	COURT OF CLAIMS.	
(Judiciary Square, Washington, D.C.)	(Penna. Avenue and 17th Street, Washington	D.C.)
Court of Appeals. Court of Appeals. Chief Justice, Seth Shepard	Chief Justice, Edward K. Campbell, Ala.: Judges, George W. Atkinson, W. Va.; F. W. Booth, Ill.; S. S. Barney, Wis.; George E. Downey, Ind. each Clerk, Samuel A. Putnam.	\$6 000
Chief Justice, J. Harry Covington	COURT OF CUSTOMS APPEALS. (N.Y. Avenue and 15th Street, Washington Presiding Judge, Robert M. Montgomery, Mich. Associate Judges, Yames E. Smith, Cal.; Orion M. Barber, Vl.; Marion de Vries, Cal.; George E. Martin, Ohio	
Supreme Court.	Vries, Cal.; George E. Martin, Ohio	
Oldef Justice, Alexander G. M. Robertson, Honolulu Associate Justices, Raiph P. Quaries, and Edward Minor Watson, Honolulus each 5,500	Marshal, Frank H. Briggs, Me	
FORMER JUSTICES OF TH	TE II S SUPREME COURT	
Name. Born. Served. Died. "O'DIN JAN N. C	Name. Born. Served. Peter V. Inaziel, P. R. 1979. 1342-1560. Samuel Nebon, N.F. 1979. 1342-1560. Samuel Nebon, N.F. 1979. 1342-1570. Samuel Nebon, N.F. 1979. 1342-1570. Samuel Nebon, P. R. 1979. 1342-1570. Samuel Rebert C. Grief, P. R. 1979. 1342-1570. Samuel F. Miller, 1970. 1352-1352-1352. Samuel F. Miller, Jones. 1352. 1352-1352. Samuel F. Miller, Jones. 1352. 1352-1352. Samuel F. Miller, Jones. 1352. 1352-1352. Samuel R. Samuel, P. Miller, Jones 1352. 1352-1352. Samuel R. Samuel, P. Miller, Jones 1352. 1352-1352. Samuel R. Samuel, P. Miller, J. Samuel R. Samuel R. Samuel, P. Samuel R. Samuel, P. Samuel R. Samuel, R. Samuel R	186c18731851187418891884188918861899187318951895
John McKinley, Ala17801837-18521852	Horace H. Lurton, Tenn 1844 1909-1911	41914
* Chief Justices		

THE LEGISLATURE.

THE legislative power of the United States is vested in a Congress, consisting of a Senate of members, elected for six years, and of a House of Representatives of 436 members, elected biennially. Two Senators from each State were elected by the State Legislatures until the ratification of the XVIIth Amendment to the Constitution, under which Senators are now elected by the people of the States. Senators must not be less than thirty years of of the U.S. for not less than nine years. Representatives must not be less than twenty-five years of age, must be resident in the State for which they are chosen, and must have been citizens of the U.S. for not less than seven years. Representatives are apportioned to the various States on a population basis, that settled by the apportionment of 1911 being one Representative for every 210,415 inhabitants; and Delegates (or Resident Commissioners) are admitted from each organized Territory, such Delegates having no right to vote. Elections take place every second vear on the first Tuesday after the first Monday in November, the 64th Congress (the members of which come into office on 4 March, 1915, the regular session being convened on 1 Dec., 1915) having been elected on 3 Nov., 1914. Members of Congress receive annual allowances of \$7,500, with mileage at the rate of 20 cents a mile, coming and returning, for each regular session.

	BALAN	CE OF POLI	TICAL PA	RTIES IN CO	ONGRESS, 18	359-1917.		
			Serate.		House of Representatives,			
Congress.	- Years, -	Republican.	Democrat.	Independent, &c.	Republican.	Democrat.	Independent Fusion, &c.	
36	1850-1861	26	38	2	213	. zoz	23	
37	1861-1862	31	30	2	106	42	28	
37 38	1863-1865	36	à	' 5	102	74	0	
39	1865-1867	AX -	33	411	145 -	40		
40	1867-1869	42	22		143	- 49		
41	1869-1871	58	11		151	78		
43	1871-1873	57	37	1 112	138	103	5	
43	1873-1875	47	20	7	194	92	74	
44	1875-1877	43	29	2	107	168		
45	1877-1879	36	39 '	2	142	151		
46	1879-1881	32	44	***	129	148	16	
47 48	1881-1883	37 38	38 36	X	146	138	30	
	1883-1885	38	36	2	124	198	X	
49	1885-1887	42	34	- 844	120	304	X	
50	1887-1889	39	. 37	218 -	353	168	1 4	
gz	1889-1891	39	37	***	x66	159		
52	1891-1893	47 38	39	2	88	236	8	
53	1893-1895	38	44	3	126	220	8	
54	1895-1897	_42 46	39 .	5	246	104	. 2	
55 56	1897-1899	45	34	10	306	234	16	
56	1899-1901	53 -	25	22	185	263	9	
57 58	1901-1903	53 - 56 58 58	29	3	198	153	5	
58	1903-1905	58	32	***	206	174	3	
59 60	1905-1907	58	- 32		250	130		
	1907-1909		31		213	zóg		
62	IQOQ-IQII	60	32		216	×75		
62	1911-1913	. 51	41		162	238	- 3	
63	1913-1915	43	53	I I	102	393	41	
64	1915-1917	39	57	- per-	196	230	1. 9	

Senate.—Thomas S. Martin, Va.; F. M. Simmons, N.C.; William J. Stone, Mo.; Charles A. Cul-berson, Tex.; John W. Kern, Ind.; Benjamin F. Shively, Ind.; Hoke Smith, Ga.; John Sharp Williams, Miss.; James P. Clarke, Ark.: Robert

Sixty-third Congress.

Senate.—Jacob H. Gallinger, N.H.; Bories Pen-rose, Pa.; Francis E. Warren, Wyo.; Henry Cabot Lodge, Mass; Eiluh Root, N.Y.; Knute Nelson, Minn.; Robert M. La Follette, Wis.; Albert B. Cummins, Iowa; William E. Borah, Idaho; Reed Simoot, Utah.

House of Representatives, - James H. Mann

CONGRESS OF THE UNITED STATES.

64th Congress, 4 March, 1915-4 March, 1917.

The Sixty-fourth Congress will convene in regular session 1 Dec., 1915.

THE SENATE OF 1915-1917.

Sergeant-at-Arms and Doorkeeper, Char			0,500
Senator. P.O. Address.Ex	erm páres.	Senator. P.O. Address E.	ferm spires.
John H. Bankhead, DFayette	IQIQ	Moses E. Clapp, RSt. Paul	1917
Oscar W. Underwood, DBirmingham	1921	Knute Nelson, RAlexandria	1919
Arizona.		Mississippi.	
Henry F. Ashurst, DPrescott	1917	John S. Williams, DBenton	1917
Marcus A. Smith, DTucson	1921	James K. Vardaman, DJackson	1919
Arkansas,		Missouri.	
Joseph T. Robinson, DLonoke	1919.	James A. Reed, DKansas City	1917
James P. Clarke, DLittle Rock	1921	William J. Stone, DSt. Louis	1921
California, ·		Montana.	
John D. Works, RLos Angeles	1917	Henry L. Myers, D	1917
James D. Phelan, DSan Francisco	igai	Thomas G. Walsh, DHelena	1919
Colorado.		Nebraska.	
John F. Shafroth, DDenver	IQIQ	Gilbert M. Hitchcock, DOmaha	1917
Charles S. Thomas, DDenver	1921	George W. Norris, RMcCook	1919
Connecticut.		Nevada.	
George P. McLean, RSimsbury	1917	Key Pittman, DTonopah	1917
Frank B. Brandagee, R New London	IQZI	Francis G. Newlands, DReno	1921
Delaware.		New Hampshire,	
Henry A. du Pont, R Winterthur	1917	Henry F. Hollis, DConcord	1919
Willard Saulsbury, D Wilmington	1919	Jacob H. Gallinger, RConcord	IggI
Florida.		New Jersey.	
Nathan P. Bryan, DJacksonville	1917	James E. Martine, DPlainfield	1017
Duncan U. Fletcher, DJacksonville	1921	William Hughes, DPaterson	1919
Georgia, -		New Mexico.	
Thomas W. Hardwick, D Sandersville	1919	Thomas B. Catron, RSanta Fé	1917
Hoke Smith, DAtlanta	1921	Albert B. Fall, RThree Rivers	1919
William E. Borah, RBoisé		New York.	
James H. Brady, RPocatello	1919	James A. O'Gorman, D New York City	1917
Illinois,	1921	James W. Wadsworth, jur., R. Geneseo	1931
James Hamilton Lewis, D Chicago	IQIQ	North Carolina.	
Lawrence Y. Sherman, R Springfield	IggI	Furnifold McL. Simmons, D. Newbern	1919
Indiana.		Lee S. Overman, DSalisbury	1921
John W. Kern, DIndianapolis	1917	North Dakota.	
Benjamin F. Shively, DSouth Bend	1921	Porter J. McCumber, R Wahpeton	1917
Iowa.		Asle J. Gronna, RLakota	1921
William S. Kenyon, R Fort Dodge	1919	Ohio.	
Albert B. Cummins, R Des Moines Kansas,	1921	Atlee Pomerene, DCanton	1917
William H. Thompson, D Garden City	1919	Warren G. Harding, R Marion	1921
Charles Curtis, RTopeka	1921	Oklahoma,	
Kentucky.	.,	Robert L. Owen, DMuskogee	1919
Ollie M. James, DMarion	1919	Thomas P. Gore, DLawton	1921
J. C. W. Beckham, DFrankfort	1921	Oregon, Destand	
Louisiana.		George E. Chamberlain, DPortland	1919
Joseph E. Ransdell, D Lake Providence	1919		.xgaz
Robert F. Broussard, DNew Iberia	igai	Pennsylvania,	
Maine.		George T. Oliver, RPittsburg	1917
Charles F. Johnson, DWaterville Edwin C. Burleigh, RAugusta	1917	Boies Penrose, RPhiladelphia	1921
Maryland.	-9-9	Rhode Island.	
Blair Lee, DSandy Spring	1917	Henry F. Lippitt, R. Providence Le Baron B. Colt, R. Bristol	1917
John W. Smith, DSnow Hill	1921		1919
Massachusetts.		South Carolina.	
Henry Cabot Lodge, RNahant	1917	Benjamin R. Tillman, DTrenton Ellison D. Smith, DFlorence	1939
John W. Weeks, RWest Newton	1919	South Dakota,	1981
Michigan.	-	Thomas Sterling, RVermilion	IQIQ
Charles E. Townsend, R Jackson William A. Smith, R Grand Rapids	1917	Edward S. Johnson, D	1929
Trining at the control and annotation and annotation	-3.9		

Senator P.O. Add	Term lress.Expires.	Senator. P.O. Address Ex	erm pina
Luke Lea, D		Miles Poindexter, RSpokane	191
Charles A. Culberson, D Dallas	1917	West Virginia,	
Morris Sheppard, DTexarka		William E. Chilton, DCharleston	191
George Sutherland, RSalt Lake	e Citu xoxo	Nathan Goff, RClarksburg	191
Reed Smoot, RProvo .	1921		
Carroll S. Page, R	ark 1917	Robert M. La Follette, R Madison	191
Villiam P. Dillingham, R Waterbu		A dear of an annual part in the last of the little	192
Virginia. Claude A. Swanson, DChathar		Wyoming. Clarence D. Clark, R	
Thomas S. Martin, DCharlotte	esville 1917	Francis E. Warren, RCheyenne	191
Electoral District. Representative.	Address.	[Electoral	
	25.00.00	District. Representative. Andre	ss.
Alabama (10)		District. Representative, Andre Delaware (x)	
Alabama (ro) st Oscar L. Gray, Dem and S. H. Dent, ir., Dem	Mobile	District. Representative. Addre Delaware (x) At Large Thomas W. Miller, Rep Wilmin	
Alabama (10) st Oscar L. Gray, Dem und S. H. Dent, jr., Dem rd Henry B. Steagall, Dem	Mobile Montgomery Ozark	District. Representative. Addre Delaware (z) At Large Thomas W. Miller, RepWilmit Florida (4) zst Stephen M. Sparkman, DemT.	ngte ami
Alabama (10) st — Oscar L. Gray, Dem	Mobils MontgomeryOzarkAnnistanLafayette	District. Representative. Addre Delaware (1) At Large Thomas W. Miller, Rep William Florida (4) rst Stephen M. Sparkman, Dem Trand Frank Clark, Dem	ngte amj
Alabama (ro) st Oscar L. Gray, Dem md St L. Dent, jr., Dem prd Henry B. Steagall, Dem. th F. I. Blackmon, Dem. th J. Thomas Heflin, Dem. th W. B. Oliver, Dem.	Mobile Montgomery OzarkAnnistanLafayetteTuscaloosa	District. Representative. Addr. Delaware (x) At Largo Thomas W. Miller, Rep Wilmin Florida (4) st Stephen M. Sparkman, Dem Trank Clark, Dem Gain and Frank Clark, Dem Gain and Emmet Wilson, Dem Pengrd Pe	ngto amj escil
Alabama (ro) 1st	Mobile Montgomery Czark Annistan Lafayete Tuscaloosa Gadsden	District. Representative. Addr. Delaware (1) At Large Thomas W. Miller, Rep Within Florida (4) rst Stephen M. Sparkman, Dem To and Frank Clark, Dem Gain and Frank Clark, Dem Resident Mison, Dem Pens. At Large W. J. Sears, Dem Kissi.	ngto amj escil
Alabama (vo) Roav L. Gray, Dem. of San Dent, Jr., Denn. B. H. Dent, Jr., Denn. Jr., Denn. B. H. Dent, Jr., Denn. Jr., Denn. H. J. H. Stronger, Denn. Jr.,	Mobile MontgomeryOzarkAnnistanLafayetteTuscalosatenGadsdenTuscumbia	District. Representative. Delaware of Delaware of Market Delaware of M	ngte amj escil aco mm
Alakama (10) st 08car I. Gray, Dem. and S. H. Dent, jr., Drem. grd Henry B. Steagall, Dem. th. J. Thomas Hedin, Dem. th. J. Thomas Hedin, Dem. jh. J. Thomas Hedin, Dem. jh. John L. Burnett, Dem. Bl. E. Eward B. Almon, Dem. h. Ecorge Huddleston, Dem. L. deorge Huddleston, Dem. & At Lange John W. Aberrcombis, Dem.	Mobile MontgomeryOzarkAnnistanLafayetteTuscalosatenGadsdenTuscumbia	District. Representative. Addr. Delaware (2). At Large Thomas W. Miller, Rep William Flarida, C. M. Starkman, Dem Tania Clark, Den Geine Geine Geine Geine Geine Kieß Georgia (12). Sekry, Dein Kieß Georgia (12). at Charles G. Dibvards, Dem Saw and Frank Park, Dem	ngti amj escil acom mm
Alakama (vo) stat 08car L. Gray, Dem. and 8. H. Dent, jr., Dem. and 8. H. Dent, jr., Dem. jrd Henry B. Steagall, Dem. sth. J. Thomas Hedin, Dem. sth. J. Thomas Hedin, Dem. sth. J. Ohnus Edward, Dem. sth. John L. Burnett, Dem. Bh. Edward B. Almon, Dem. th. John Edward B. Almon, Dem. kt. Lauge John W. Abercrombie, Dem. Arizona (2)	Mobils Montgomeny Ozark Annistan Lafayette Tuscaloosa Gadsden Tuscunbia irminghan Tuscaloosa	District. Representative. Addr. Delaware (1). At Large Thomas W. Miller, Rep. William I. Florida (4). tst. Stephen M. Sparkman, Dem. T. Stand. Frank Cark, Dem. Going pd. Binmett Wilson, Dem. Peru M. Large W. J. Sears, Dem. Most Georgia (12). tst. Charles G. Elwards, Dem. Sare and Frank Park, Dem. Sar	ngto amjestileacoo mmo
Alakama (10) st 08car I. Gray, Dem. and S. H. Dent, jr., Drem. grd Henry B. Steagall, Dem. th. J. Thomas Hedin, Dem. th. J. Thomas Hedin, Dem. jh. J. Thomas Hedin, Dem. jh. John L. Burnett, Dem. Bl. E. Eward B. Almon, Dem. h. Ecorge Huddleston, Dem. L. deorge Huddleston, Dem. & At Lange John W. Aberrcombis, Dem.	Mobils Montgomeny Ozark Annistan Lafayette Tuscaloosa Gadsden Tuscunbia irminghan Tuscaloosa	District. Representative. Address Delaware (2). At Large Homas W. Miller, Rep William Large Homas W. Sparkman, Dem Therida (4). The Mephen M. Sparkman, Dem The Mephen M. Sparkman, Dem The Mephen M. Sparkman, Dem Spark Dem Sparkman, Dem Sparkman	ngto amy esvil acco mm nna vesto evicuo enito
Alabama (ro) ist. Ooscar I, Gray, Dem. and S. H. Dent, Ir., Dem. and S. H. Dent, Ir., Dem. and Henry B. Steagall, Dens. ist. F. I. Blackmon, Dens. ist. F. I. Blackmon, Dens. ist. W. B. Gilver, Dens. ist. W. B. Gilver, Dens. ist. Edward B. Almon, Dens. clim. George Huddleston, Dens. Arisons (r) tt. Large John W. Abercromite, Den. Arisons (r) tt. Large Carl Hayden, Dem.	Mobile Montgomery Ozark Annistan Lafayette Tuscaloosa Gadsden Tuscaloosa irrninghan Tuscaloosa	District. Representative. Addr. Delaware (1). At Large Thomas W. Miller, Rep. William Island There are the stephen M. Sparkman, Denn. Trained Prints (Cark, Denn. Benn. Trained Prints (Cark, Denn. Benn. B	amy escil esconno nna veste erico ollto catu

A	rizon	2 (x)	
AtI	arge	Carl Hayden, Dem	Phœ
A	kans	as (7)	
ist		Thaddens H. Carraway Dem.	Jonesb
and		W. A. Oldfield, Dem,	Batesv
3rd		John N. Tillman, Dem	Fayetten
		Otis T. Wingo, Dem	
5th		H. M. Jacoway, Dem	Dardan
		Samuel M. Taylor, Dem	
7th		W. S. Goodwin, Dem	War.
Ca	lifors	nia (rr)	
rst		William Kent, Prog	Kentsi
		John E. Raker, Dem	
ard		Charles F. Curry, Rep	Sacrame
4th		Julius Kahn, RepSai	a Franci
sth		John I. Nolan, Prog Sa:	n Franci
6th		J. A. Elston, Prog	Berke
7th		D. S. Church, Dem	Free
		Evapie A Haves Dan	

	O D Olimbarialis Den.
and	C. B. Timberlake, RepSterling
At Large	Edward Keating, DemPueblo
At Large	Edward T. Taylor, Dem.
	Glenwood Springs
Connec	ticut (5)
rst	P. Davis Oakey, Rep

Colorado (4)

	Idaho (2)
	At Large Robert M. McCracken, Rep Boise
	At Large Addison T. Smith, Rep Twin Falls
	Illinois (27)
3	1st Martin B. Madden, RepChicago
	and James R. Mann. Ren. Chicago
	3rd William W. Wilson, Rep. Chicago
	4th James T. McDermott, Dem. Chicago
	sth Adolph J. Sabath, Dem Chicago
	6th James McAndrews, Dem. Chicago
	7th Frank Buchanan, Dem. Chicago
	8th Thomas Gallagher, Dem Chicago
	9th Fred. A. Britten, RepChicago
	noth George R. Foss, Rev Eranston
	zith Ira C. Copley, Prog
	12th Charles E. Fuller, Ren. Beluider
	13th John C. McKenzie, Rev. Elizabeth
	zath C. H. Tavenner, Dem
	15th Edward J. King, Rep Galesburg
	15th Claudius U. Stone, Dem Peorin
	17th John A. Sterling, Rep Bloomington
	18th Joseph G. Cannon, Rep Danville
	19th William B. McKinley, Rep. Champaign
	20th Henry T. Rainey, Dem Carrollton

	The Degistante-110	ise of Representatives. 105
	Electoral	221-1-12
	District. Representative. Address. asnd Wm. A. Rodenberg, Rep., East St. Louis	Electoral District. Representative. / Address.
	22nd Wm. A. Rodenberg, Ren. Fast St. Louis	Maryland (6)
	23rd Martin D. Foster, Dem Olney	maryiand (o)
J	24th Thomas S. Williams, Rev. Louisville	1st Jesse D. Price, DemSalisbury
	z5th E. E. Denison, Rep	and J. F. C. Talbott, DemLutherville
	and win A Rodenberg, Rep. Louis 23rd. Martin D. Foster, Dem. Ofney 34th. Thomas S. Williams, Rep. Louiseitle 25th. E. E. Denison, Rep. Martin At Large B. M. Chipperield, Rep. Canton At Large Wm. E. Williams, Dem. Pittsfield	and J. F. C. Talbott, Dem. Lutherville 3rd Chas, P. Coady, Dem. Baltimore 4th J. Charles Linthicum, Dem. Baltimore
	At Large Wm. E. Williams, Dem Pittsfield	4th J. Charles Linthicum, DemBattimore
		5th Sidney E. Mudd, RepLa Plata 6th David J. Lewis, DemCumberland
	Indiana (r3)	
	and William A. Cullop, Dem Vincennes	Massachusetts (16)
	and William A. Cullop, Dem Vincennes	1st Allen T. Treadway, Rep Stockbridge
	3rd William E. Cox, Dem. Jasper 4th Lincoln Dixon, Dem. North Vernon	
	4th Lincoln Dixon, Dem North Vernon	2rd Calvin D. Paige, Rep. Southbridge
	5th Ralph W. Moss, Dem Center Point	4th S. E. Winslow, Rep Worcester
	6th Finly H. Gray, Dem Connersville	cth John J. Rogers, RepLowell
	5th Ralph W. Moss, Dem. Center Point 6th Finly H. Gray, Dem. Connersville 7th Merrill Moores, Rep. Indianapolis	and Prederick H. Gillest, Rep. Springled grid Calvin D Paige, Rep. Southeridge 4th S. E. Winstow, Rep. Morester 6th Ausgesta P. Gartine, Rep. Liamifor 7th M. F. Phelan, Pen. Lyon Stir. F. W. Dellinger, Rep. Couloring 9th E. W. Roberts, Rep. Cheleca toth P. F. Tange, Dem. Booton 11th Geo. H. Tinkham, Rep. Booton 11th Geo. H. Tinkham, Rep. Booton 11th Win R. Carter, Rep. Merchant 11th Win R. Carter, Rep. Merchant 11th Win R. Carter, Rep. Merchant 11th Win R. Carter, Rep.
	yan Marim Moores, Rep. Indianaporis 8th Jehn A. M. Adair, Dem. Portland 9th Martin A. Morrison, Dem. Frankfort roth. Will R. Wood, Rep. Lafayette 11th. George W. Rauch, Dem. Marion 12th. Cyrus Cline, Dem. Angola 13th. Henry A. Barnhart, Dem. Rochester	7th M. F. Phelan, DemLynn
	gin Martin A. Morrison, Dem Frankfort	8th F. W. Dallinger, RepCambridge
	totil Will R. Wood, RepLajayette	9th E. W. Roberts, RepChelsea
	Titil George W. Rauch, DemMarion	roth P. F. Tague, DemBoston
	math Worms A Rosenhaut Day Bookston	rith Geo. H. Tinkham, RepBoston
	3301 Memy A. Darmart, Dem Rochester	12th J. A. Gallivan, DemBoston
	Iowa (zz)	13th Wm. H. Carter, Rep. Needham 14th Richard Oiney, and Dem. Dedham 15th Wm. S. Greene, Rep. Fall River 16th Joseph Walsh, Rep. New Bedford
	est C. A Kannade Dan Mantucca	14th Richard Olney, and Dem Dedham
	1st C. A. Kennedy, Rep. Montrose and Harry E. Hull, Rep. Williamsburg	15th Wm. S. Greene, RepFall River
	and Harry K. Hull, 16:p., w Vulcansbury 2d Durton E. Sweek, 16:p., W Stateston 5th Dames W. Good, 16:p., Cotar Espida 6th Chas, W Ramseyer, 16:p. Bownfeld 7th Cassius C. Dowell, 16:p. Des Moines 8th Horace M. Towner, 16:p. Corning 9th William R. Green, 16:p. Auduluon 6th Prant F. Woods, 16:p. Lethereille	
	4th Gilbert N. Hangen, Ren. Northwood	Michigan (13)
	sth James W. Good, Ren Cedar Ranids	rst Frank R. Doremus Dem. Detroit
	6th Chas, W. Ramsever, Rev. Bloomfield	zst Frank E. Doremus, DemDetroit znd Samuel W. Beakes, DemAnn Arbor
	7th Cassius C. Dowell, Rev Des Moines	27d G. M. C. Smith, Rev
	8th Horace M. Towner, RepCorning	4th Edward L. Hamilton, Rep Niles
	9th William R. Green, RepAudubon	sth Carl E. Mapes, Rep Grand Rapids
	roth Frank P. Woods, Rep Estherville	6th Patrick H. Kelley, RepLansing
	rrth T. J. Steele, DennSiouz City	7th L. C. Crampton, RepLapser
	Kansas (8)	and Samuel W. Beakes, Prev. Ann Arbor 391 G. M. C. Smith, hep Chariette Spill G. M. C. Smith, hep Chariette Spill G. M. C. Smith, hep Chariette Spill G. Smith, hep Lenwer Spill G. Smith, hep Lenwer Spill G. Smith, hep Lenwer Spill G. Smith, Joseph W. Forther, Rep Sonymies Spill G. Smith, J.
		9th James C. McLaughlin, RepMuskegon
	sst Daniel R. Anthony, jr., Rep. Leavenworth	10th George A. Loud, RepBay City
	and Joseph Taggart, Den. Kanase City and Deligible Philip P. Campbell, Rep. Pittsburg and Deligible Den. Scanase City and Deligible Den. Screen City Sth. G. T. Helvering, Den. Marysville G. T. Helvering, Den. Marysville City B. Colon Deligible Den. Screen City Sth. Jouett Shouse, Den. Kinsley 2th World Str. W. A. Ayres, Den. Wichita	11th Frank D. Scott, RepAlpena
	3rd Philip P. Campoell, Rep Pittsburg	12th W. Frank James, Rep
	4th Dudley Doolittle, DemStrong City	13th Charles A. Nichols, Rep Detrou
	4th I P Connelly Day	Minnesota (10)
	ath Tought Shouse Daw Finales	ast Sydney Anderson, RepLanesboro
	8th W A Avros Dave Wastin	
	Volume III II II II I I I I I I I I I I I I	ard Charles R. Davis, RepSt. Peter
	Kentucky (zz)	4th Carl C. Van Dyke, DemSt. Paul
	18t A. W. Barkley, Dem. Paducah	5th George R. Smith, Rep Minneapolis
	and David H. Kincheloe, Dem. Madisonville	6th Charles A. Lindbergh, Rep. Little Falls
	3rd R. Y. Thomas, jr., Dem Central City	and Frankini S. Bilsworth, Rep. Memodal 3rd Charles R. Davis, Rep. 8. Peter 4th Carl C. Van Dyke, Dem. St. Paul 5th George R. Smith, Rep. Minneapolis 6th Charles A. Lindbergh, Rep. Little Falls 7th Andrew J. Volstead, Rep. Grantle Falls 8th Clarence B. Miller, Rep. Duluth 6th Charles A. Charles Alles 8th Carence B. Miller, Rep. Duluth 6th Charles A. Charles Falls 8th Charles Falls 8th Clarence B. Miller, Rep. Duluth 6th Charles C. Carabiston
	4th Ben, Johnson, Dem Bardstown	8th Clarence B. Miller, RepDuluth
	Admondy (17) Den Padnoch 144 A. W. Barbley Janes — Padnoch 144 A. W. Barbley J. W. J. Fleids, Dom. Oker Hull oth John W. Langley Jan. Pikeville 14th Galle Verwen, Erg. Barbourcile.	gih Halvor Steenerson, Rep Crookston roth Thomas D. Schall, Prog Minneapolis
	6th Arthur B. Rouse, Dem Burlington	10th Thomas D. Schall, Prog Minneapolis
	7th J. Camphell Cantrill, Dem Georgetown	Mississippi (8)
	8th Harvey Helm, DemStanford	ant P S Candlar in Dam . Covinth
	9th W. J. Fields, DemOliver Hill	1st E. S. Candler, jr., Dem Corinth 2nd Hubert D. Stephens, Dem. New Albany
	roth John W. Langley, Rep Pikeville	3rd Benjamin G. Humphreys, Dem.
	rith Caled Powers, RepBarbourville	Greenville
	ant Albert Principal Day Nove Change	sth S. A. Witherspoon, Dem Meridian
	and H Garland Dunna Dan Mars Orleans	6th B. P. Harrison, DemGulfport
	and W P Martin Prog Thiladaux	7th Percy E Quin, Dem McComb City
	4th John T. Watkins, Dem Minden	5th S. A. Witherspoon, Dem. Meridian 6th B. P. Harrison, Dem. Gulfport 7th Percy E Quin, Dem. McComb City 8th James W. Collier, Dem. Vicksburg
	sth J. Riley Wilson Dem. Harrisonhura	Wincomm (u6)
	rst Albert Estopinal, Rem. New Orleans and H. Garland Dupré, Dem. New Orleans 37d, V. P. Martin, Prog Thibedoux 4th John T. Watkins, Dem Minden 5th J. Riley Wilson, Dem Harrisonburg 6th Lewis L. Morgan, Dem Covington Covington Lazara Dem Weekbaston	set Ismos T Lloyd Dem Chillian He
	7th L. Lazaro, Dem Washington 8th J. B. Aswell, Dem Natchitoches	and William W Rucker Dem Feedenille
	8th J. B. Aswell, Dem Natchitoches	ard Joshua W Alexander Den Callatia
		sth Charles F. Booher, Dem. Savannah
	Maine (4)	sth William P. Berland, Dean, Kanene City
	sst Asher C. Hinds, RepPortland	6th Clement C. Dickinson, Dem Clinton
	and D. J. McGillicuddy, Dein, Lewiston	22 Manuer T. Lloyd, Dem
	3rd John A. Peters, Rep Ellsworth	8th Dorsey W. Shackleford, Dem.
	and D. J. McGillicuddy, Dem. Lewiston 3rd John A. Peters, Rep. Ellsworth 4th Frank E. Guernsey, Rep. Dover	Jefferson City

106 The Legislature—Hor	use of Representatives.
Electoral	Electoral
District. Representative. Address.	Electoral District. Representative. Address.
oth Champ Clark, Dem Bowling Green	29th James S. Parker, RepSalem
toth Jacob E. Meeker, RepSt Louis	30th Wm. B. Charles, RepAmsterdam
rath Wm. L. Igoe, DemSt. Louis	and Inther W Mott Ren Occurre
12th L. C. Dyer, RepSt. Louis	aard Homer P Snyder, Ren Little Falls
4th J J Russell Dem Charleston	34th Geo. W. Fairchild, Rep Oneonta
Become Personatative Aldrews All Chappy Clark, Dem. Bossing Green toth Jacob E. Meeker, Rep. St. Louis tath. Ym. Lagoo, Dem. St. Louis tath. Ym. Lagoo, Dem. St. Louis tath. Ym. Ragoo, Dem. St. Louis tath. Ym. Ragoo, Dem. St. Louis tath. J. Rassell, Dem. Charietes tath. J. Rassell, Dem. Charietes toth. T. L. Rabey, Dem. Lebaner Lebaner Lebaner Lebaner Lebaner Lebaner Lebaner Lebaner	35th Walter W. Magee, Rep Syracuse
toth T. L. Rubey, DemLebanon	36th Norman J. Gould, Rep Seneca Falls
Water (1)	37th Harry H. Pratt, RepCorning
Mentana (2)	38th Thomas B. Dunn, Rep Rochester
At Large Thomas Stout, Dem. Lewiston At Large John M. Evans, Dem. Missoula	soth Stanhan W Dempsey Ren Locknort
	pith. Wm. B. Charles, Rep
N :braska (6)	42nd D. A. Driscoll, Dem. Buffalo 43rd C. M. Hamilton, Rep. Ripley
ATOURSAN (e) ATOUR AND	43rd C. M. Hamilton, RepRipley
and C. O. Lobeck, DemOmaka	North Carolina (10)
3rd D. V. Stepnens, DemFremont	rst John H. Small. Dens Washington
eth A C Shallenberger Dem. Alma	and Claude Kitchin, DemScotland Neck
6th Moses P. Kinkaid, RevO'Neill	and George E Hood Dem
	Ath Edward W. Pon. Dem. Smithfield
Nevada (z)	5th C. M. Stedman, Dem Greensboro 6th Hannibal N. Godwin, Dem Dunn
At Large E. E. Roberts, Rep Carson City	oth Hannibal N. Godwin, DemDunn
New Hampshire (2)	2th P. I. Doughton Dem. Lauri Sounds
Come A Sullower Ren Manchester	oth Edwin V. Webb. Dem Shellow
rat Cyrus A. Sulloway, RepManchester and Edward H. Wasson, RepNashua	th Robert N. Page, Dom. Bisooe th R. L. Doughton, Dem. Laurel Springs th Edwin Y. Webb, Dem. Shelby roth. J. J. Britt, Rep. Asheville
New Jersey (12) Owning, Rep. Condental 11. William Denowing, Rep. Condent 12. William Denoch, Rep. Admirt Chy 12. C. Hutchinson, Rep. Admirt Chy 13. C. Hutchinson, Rep. Truston 14. E. O. Hutchinson, Rep. Truston 15. C. Hutchinson, Rep. Passis 16. Dev M. Drukker, Rep. March 16. Dev March 1	North Dakota (3)
rst William J. Browning, RepCamden	and George M Voung Ren Valley City
and Isaac Daenarach, Rep Author Ong	and George M. Young, Rep. Valley City 3rd P. D. Norton, Rep. Nottinger
4th E. C. Hutchinson, Rep. Trenton	Objectively
sth John H. Capstick, Rep Morristown	Ohio (za)
6th Archibald C. Hart, Dem Hackensack	1st Nicholas Longworth, Rep Cincinnati
7th Dow H. Drukker, RepPassaic	2nd A. G. Allen, Dem. Cincinnati 3rd Warren Gard, Dem. Hamilton 4th J. E. Russell, Rep. Sidney
8th Edward W. Gray, RepNewark	ath I E Ruccoll Ren Sidney
gth R. Wayne Parker, Rep Newark	5th N. E. Matthews. Rep. Ottowa
with John J Eagen Dem Weshanken	6th Charles C. Kearns, RepBatavia
rath James A. Hamill. DeniJersey City	7th Simeon D. Fess, Rep Yellow Springs
Warning (a)	8th John A. Key, DemMarion
New Mexico (1)	gtil Isaac R. Snerwood, Dem Toledo
At Large B. C. Hernandez, Rep., Tierra Amarilla	301 — Terra Onth, cells. 401 — Matthews, Rep. Offices 614 — N. B. Matthews, Rep. Offices 615 — Matthews, Rep. Offices 616 — Matthews, Rep. Offices 617 — Sineson D. Fess, Rep. — Yellow Springs 618 — Service D. Fess, Rep. — Yellow Springs 619 — Isaac R. Sherrood, Dem. — Teledo 620 — Service M. Switzer, Rep. — Goslippolic 6214 — Edwin D. Ricketta, Rep. — Lorgin 6214 — Edwin D. Ricketta, Rep. — Lorgin 6214 — S. H. Williams, Rep. — Lorgin 6215 — Nomoney, Rep. — Woodsydd 6216 — Nomoney, Rep. — Woodsydd 6216 — D. Hollingworth, Rep. — Corton 6217 — D. Hollingworth, Rep. — Corton 6217 — D. Hollingworth, Rep. — Corton 6218 — D. Hollingworth, Rep. — D. Hollingworth, Rep. — Corton 6218 — D. Hollingworth, Rep. — D. Hollingworth, Rep. — Corton 6218 — D. Hol
New York (43)	rath Clement Brumbaugh, Dem. Columbus
1st Fred. C. Hicks, Rep Port Washington	13th A. W. Overmyer, Dem Fremont
Mew York (a) Mew Control	14th S. H. Williams, RepLorain
3rd J. V. Flynn, Dem Brooklyn	15th W. C. Mooney, Rep Woodsfield
4th H. H. Daie, Dem. Brooklyn	16th Roscoe C. McCullough, RepCanton
6th F. W. Rowe, Rev. Brookless	12th W. A. Ashbrook, DemJohnstown
7th f. J. Fitzgerald, Dem Brooklyn	roth John G. Cooper, Ren Voungetoung
8th D. J. Griffin, Dena Brooklyn	20th William Gordon, Dem Clereland
9th Oscar W. Switt, RepBrocklyn	21st Robert Crosser, Dem Cleveland
roth Reuhen L. Haskell, RepBrooklyn	zand H. E. Emerson, Rep
Your London See Very York	Oklahoma (8)
rath Geo W Loft, Dem. Ven Vork	1st J. S. Davenport, Dem
rath M. F. Farley, Dem New York	Okanomia (8) avea port, Denn. Vinite st. J. S. avea port, Denn. Vinite st. J. S. avea port, Denn. Vinite pol. C. D. Carter, Denn. Videopuel and C. D. Carter, Denn. Ardinoving sth. J. B. Thompson, Denn. Paul's Valley ofth. Soct Perris, Denn. Lucius pth. J. V. McClintic, Denn. Singule sth. Diek T. Morgan, Rep. Woodscart blit Diek T. Morgan, Rep. Woodscart
15th Michael F. Conry, Dem New York	3rd C. D. Carter, Dem Ardmore
16th Peter J. Dooling, Dem New York	4th W. H. Murray, DemTishomingo
17th John F. Carew, Dem New York	5th J. B. Thompson, Dem Paul's Valley
18th Thomas G. Patten, Dem New York	ath I V McClintic Dem. Lawton
19th Waiter M. Chandler, Prog New York	8th Dick T Morgan Ren Woodman
2061 I. Siegel, Acp Ven Vork	Total Transport, 16p
and Henry Bruckner, Dem. New York	Oregon (3)
22rd William S. Bennet, Rep New York	1st Willis C. Hawley, RepSalem
24th Woodson R. Oglesby, Dem Yonkers	1st Willis C. Hawley, Rep. Salem and N. J. Sinnott, Rep. The Dalles 3rd C. N. McArthur, Rep. Portland
asth James W. Husted, Rep Peekskill	Branchesis (CO
26th Edmund Platt, Rep Poughkeepsie	Pennsylvania (36)
27th Chas. B. Waru, Rep De Bruce	and George S. Graham, Rep Philadelphia
iith. Meyer London, Soc. Wen York 33th Geo. W. Lott, Den. Wen York 14th M. F. Farley, Den. New York 14th M. F. Farley, Den. New York 14th M. F. Farley, Den. Mee York 14th M. Farley, Den. Mee York 14th M. Gardier, Den. Mee York 14th M. Gardier, Den. Mee York 14th M. Hulbert, Den. Mee York 14th M. Mee Mee Mee Mee Mee Mee York 14th M. Mee Mee Mee Mee Mee Mee Mee Mee Mee	and George S. Granam, Rep Phundetphio

Windows	Plestowl
Electoral District, Representative, Address, 3rd J. Hampton Moore, Rep Philadelphia 4th George W. Edmonds, Rep. Philadelphia	Electoral District. Representative. Address. 9th George F. Burgess, Dem
and T Hampton Moone Day Didadalahia	ath Cooper E Description Country
3ru J. Hampton Broore, Rep Panadelphia	gui George F. Durgess, DemGonzaues
5th Peter E. Costello, Rep Philadelphia	rith Robert L. Henry Denge Waco
6th George P. Darrow, Rep Philadelphia	rith Robert L. Henry, Denne Waco rith Oscar Calloway, DemComanche
4h (Thomas C Dubles Des West Charles	Table Tr Charles Down
7th Thomas S. Butler, RepWest Chester 8th Henry H. Watson, RepLanghorne	13th John H. Stephens, DemVernon
8th Henry H. Watson, Rep Langhorne	
9th William W. Griest, RepLaneaster	15th John N. Garner, Dem. Unalde
weth John P Form Pan Commenton	with William P Smith Dam Colougde City
AN Y Y Come Your Mary 10 70 The December 1	rsth John N. Garner, Dem Uvaide 16th William R. Smith, Dem. Colorado City At Large J. McLemore, Dem Houston At Large J. H. Davis, DemSulphur Springs
IIII J. J. Casey, Detts Wukes-Barre	At Large J. McLemore, Dem
rath Robert D. Heaton, Rep Ashland	At Large J. H. Davis, Dem Sulphur Springs
roth Arthur G. Dewalt, Dem Allentown	
with Tonis T McKaddan Ren Canton	Utah (2)
1401 Louis 1. Bicradden, hep.	AtlLarge Joseph Howell, RepLogan
15th E. R. Kless, Rep Wunamsport	At Tange Joseph Howell, Her.
16th John V. Lesher, DemSunbury	At Large James H. Mays, Dem Salt Lake City
17th Benjamin K. Focht. Ren. Lewisburg	Vermont (2)
with A S Kyaidar Ren Annuille	
	1st Frank L. Greene, RepSt. Albans
196H W. W. Dalley, Delle Onthistown	and Porter H. Dale, RepBrighton
aoth C. W. Beales, RepGettysburg	
9th William W. Griest, Rep. Lorionater and the John N. Yarr, Rep. Servation and the John N. Yarr, Rep. Servation of the John N. Yarr, Rep. Servation of the John N. Yarr, Rep. Lorional Stable and Alter of Dewalt Dem. Alteration of the John N. Lawer, Phys. Rep. Leveldrup 19th Dem. Sunday 19th Dem. Sunday 19th N. Halley, Dem. Sunday 19th N. Halley, Dem. Sunday 19th N. Halley, Dem. Johnstewn Sunday 19th W. Halley, Dem. Johnstewn Sunday 19th W. W. Halley, Dem. Johnstewn Sunday 19th N. W. Keltier, Rep. J. M. Scotland Sunday 19th N. W. Keltier, Rep. J. M. Scotland Sunday 19th N. W. Scholler, N. Scotland Sunday 19th N	Virginia (10)
aand A. L. Keister, RepScottdale	and William & Young David Wassers
and R F Honwood Ren Uniontown	as against (tolim A. Jones, Dem
23rd R. F. Hopwood, Rev	ziid E. E. Holland, DemSuffolk
2401 Henry E. Temple, Kep Washingtyn	ard A. J. Montague, DemRichmond
z5th M. Liebel, jr., Dem. Eric z6th H. J. Steele, Dem. Easton	4th W. A. Watson, Dem. Jennings Ordinary
26th H. J. Steele, Dem Kaston	eth Edw W Saundary Dem Poster Mount
auth & Taylor North Ren Dungentannen	Soil Edw. W. Saddidets, Dem. Itocky blowne
27th S. Taylor North, RepPunzsutawney 28th S. H. Miller, RepMercer	oth Carter Glass, DemLynchourg
28th S. H. Miller, Rep	7th James Hay, Dem
29th Stephen Geyer Porter, Rep Pittsburg	8th Charles C. Carlin, Dem Alexandria
30th William H. Coleman, Rep. McKessport	oth C. Bascom Slemp, Rep Big Stone Gap roth H. D. Flood, Dem Appomattoz
2xst John M. Morin Ren Pittshurah	anth H D Plond Daw Amonustics
nand Androw I Parokfold Pan Dittakemah	10th II. D. Flood, Dent
Janu Anutow J. Darchield, hop totalings	Washington (5)
At Large Thos, S. Crago, Kep waynesourg	41 montang ton (2)
At Large M. H. Garland, Rep Edgewood Park	1st William E. Humphrey, Rep Scattle
At Large Daniel F. Lafean, RevYork	and Lindley H. Hadley, Rep Bellingham
At Large John R K Scott Ren Philadelphia	and Albert Johnson, Ren Hooviam
atth. S. H. Miller, tep. Server 24th. Stephen Geyer Forter, Rep. Pittaburg 25th. Stephen Geyer Forter, Rep. Pittaburg 25th. John M. Morie, Rep. Pittaburgh 25th. John M. Morie, Rep. Bogenood Park At Large Daniel F. Latean, Rep. York At Large Daniel F. Latean, Rep. Fotherdelphin	4th W. I. Le Follette Ren Paulman
Rhode Island (3)	rst William E. Humphrey, Rep. Scattle and Lindley H. Hadley, Rep. Beltingham 3rd Albert Johnson, Rep. Hoquiam 4th W. L. La Follette, Rep. Prulman 5th C. C. Dill, Dem. Spokane
irt G. F. O'Shaunessy, Dem Providence	
and W. R. Stiness, Rep Warwick	West Virginia (6)
and W. R. Stiness, Rep Warreick ard Ambrose Kennedy, Rep Woonsocket	West Virginia (6)
and W. R. Stiness, Rep Warwick ard Ambrose Kennedy, Rep Woonsocket	West Virginia (6)
and W. R. Stiness, Rep Warreick ard Ambrose Kennedy, Rep Woonsocket South Carolina (7)	West Virginia (6)
and W. R. Stiness, Rep Warreick ard Ambrose Kennedy, Rep Woonsocket South Carolina (7)	West Virginia (6)
and W. R. Stiness, Rep Warreick ard Ambrose Kennedy, Rep Woonsocket South Carolina (7)	West Virginia (6)
and W. R. Stiness, Rep. Warreick grd Ambrose Kennedy, Rep. Woonsocket South Carolina (7) 1st Richard S. Whaley. Devs Charleston and James F. Byrnes, Dens Atten-	West Virginia (6)
and W. R. Stiness, Rep. Warreick grd Ambrose Kennedy, Rep. Woonsocket South Carolina (7) 1st Richard S. Whaley. Devs Charleston and James F. Byrnes, Dens Atten-	
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and W. K. Stiness, Iop. Warrieck South Caralina (F. W. Warrieck Both Caralina (F. W. Warrieck B. Richard S. Whaley, Dops Charleton H. Richard S. Whaley, Dops Charleton Wast Aiken, Dem Abeville 4th Samuel Nichols, Don Yorkille 6th J. W. Eagskile, Dem Element 5th A. F. Lever, Dem Lexington	West Virginia (6) 11 M. Neely, Dem
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and W. R. Stiness, Pop. Worneeds South Carolina (*) **Refined S. Whaley, Dep. **Charleton **Refined S. Whaley, Dep. **Charleton **Refined S. Whaley, Dep. **Charleton **The Charleton S. Whaley, Dep. **Charleton **The Charleton S. Washer, Dep. **Charleton **Wystk Alken, Dem. **Abbreitle **All Samuel Nichols, Dem. ** **Line S. Washer, Dem. **Lorenton **Line S. Washer, Dem. **Lorenton **Line S. Washer, Dem. **Lorenton **Both J. W. Blasselake, Dem. **Lorenton **Both J. W. Blassela	West Virginia (6) 11 M. Neely, Dem
and W. R. Stiness, Pop. Warnels and Warnels and Ambreck Kennedy, Pop. Woonscote South Carvina (r) Whaley, Dep. Charleton and James P. Byrnes, Depois — Ghen and Wyant Alken, Dem. Abbreille 4th — Sanuted Nichols, Pen. — Yorkell 6th — Y. W. Ragsdale, Den. — Florence 7th — R. F. Lever, Dem. — Lexington South Dakets (1) — Programmer of the Company of the	West Virginia (6) 11 M. Neely, Dem
and W. R. Stiness, Pop. Warned, and Ambrew Kaundri, Pap. Woonsocket and St. Woonsocket and St. Woonsocket and State F. Byrnes, Pop. Charleston and James F. Byrnes, Pop. Attention and James F. Byrnes, Pop. Attention of the Conference of the Confer	West Virginia (6) 11 M. Neely, Dem
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and W. K. Stiness, Dep. Warned, and A. Miroce Kennedy, Dep. Woonscote South Carcina (*) W. R. Share, S. W. Walter, Dep. Charleton and M. Share Strong, Dep. Strong, M. Stong and M. Stand Viyatt Alken, Dem. Abbeville 4th Samuel Nichols, Dem. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) B. W. Bagadale, Den. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) Bath. G. H. Dillion, Rep. Aberden Str. G. Strong, M. Str. G. H. Dillion, Rep. Aberden Str. G. Str. G	West Virginia (6) st M. M. Neoly, Dem. Pairmont st M. M. Neoly, Dem. Engreed and W. H. Breven, Ir., Dem. Engreed and W. H. Breven, Ir., Dem. Engreed and W. H. Breven, Ir., Dem. Engreed did H. H. H. Moss, Rep. Parkerburg sth Edward Cooper, Rep. Bluefeld All aggs River, Dem. Parkerburg sthe Lieury A. Cooper, Rep. Ragies and M. E. Burke, Dem. Bauer Dem grd John M. Nelson, Rep. Madison del. W. H. Surke, Dem. Hendelse del. W. H. Strick, Pem. Hendelse del. W. H. Strick, Dem. Fend du Lac del. W. H. Strick, Dem. English del. John J. Bech, Rep. La Crosse del. John J. Bech, Rep. La Cross del. John J. Bech, Rep. La Cross del. John J. Bech, Rep. Madison rich. T. F. Konop, Dem. Envenime stell James A. Frean, Rep. Bludson rich. Text No. Rep. Madison All Large F. W. Mondell, Rep. Newcastle TERRITORIES. Alakas (1) Delegate J. Wickersham, Prog. Foirbanks
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and W. K. Stiness, Dep. Warned, and A. Miroce Kennedy, Dep. Woonscote South Carcina (*) W. R. Share, S. W. Walter, Dep. Charleton and M. Share Strong, Dep. Strong, M. Stong and M. Stand Viyatt Alken, Dem. Abbeville 4th Samuel Nichols, Dem. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) B. W. Bagadale, Den. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) Bath. G. H. Dillion, Rep. Aberden Str. G. Strong, M. Str. G. H. Dillion, Rep. Aberden Str. G. Str. G	West Virginia (6) sta. M. M. Neoly, Denn
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and W. K. Stiness, Dep. Warned, and A. Miroce Kennedy, Dep. Woonscote South Carcina (*) W. R. Share, S. W. Walter, Dep. Charleton and M. Share Strong, Dep. Strong, M. Stong and M. Stand Viyatt Alken, Dem. Abbeville 4th Samuel Nichols, Dem. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) B. W. Bagadale, Den. Forence 7th A. F. Lever, Dem. Lexington South Dakota (*) Bath. G. H. Dillion, Rep. Aberden Str. G. Strong, M. Str. G. H. Dillion, Rep. Aberden Str. G. Str. G	West Virginia (6) st M. M. Neoly, Dem. Fairmont and W. G. Brown, I.v., Dem. Hingwood and W. G. Brown, I.v., Dem. Hingwood delth H. H. Mess, Rep. Parkerburg sth Edward Cooper, Inc. Blue Hundel Wisconini (ct) W. G. Grey, Rep. Blue Hundel Wisconini (ct) W. G. Grey, Rep. Rep. Hundel delth H. H. A. Cooper, Rep. Rep. Hundel delth W. J. Carry, Rep. Molecules delth W. J. Carry, Rep. Molecules delth W. J. Carry, Rep. Molecules delth W. J. Carry, Rep. Hundel delth Janes A. Freat, Rep. Hundel stehl Janes A. Freat, Rep. Hundel Hawaii (s) Delegate J. Wickersham, Prog. Fuirbanks Hawaii (s) Delegate Comm K. Kalanianoole, Rep. Honolulu Parto Eise (s) Pallippies (a)
and W. K. Stiness, Dep. Warnek, and M. Alborok Kenledy, Dep. Woonscele South Carolina (*) W. Richard S. Trans, Depa. Charleton with Richard S. Trans, Depa. Charleton and Royal C. Johnson, Rep. Lexington Bouth Dakota (*) Hand S. Lever, Dem. Lexington Bouth Dakota (*) Hand C. Gondon, Rep. Lexington and Royal C. Johnson, Rep. Aberdeen and Royal C. Johnson, Rep. Aberdeen and Royal C. Johnson, Rep. Aberdeen and Royal C. Johnson, Rep. Lexington and Charleton and	West Virginia (6) st M. M. Neoly, Denn. — Estimont st M. M. Neoly, Denn. — Estimont st M. M. Neoly, Denn. — Estimont yellow and M. Lander, Denn. — Charleston deli H. H. Moss, Rep. — Charleston deli H. H. Moss, Rep. — Parkerburg sh — Edward Cooper, Rep. — Estimont Wiscensia (1) st — Henry A. Cooper, Rep. — Regise and M. E. Burke, Denn. — Bonner Dom yellow M. Sellow, Rep. — Mathem sellow M. Stafford, Rep. — Mittennies sch — W. H. Stafford, Rep. — Mittennies sch — S. E. Stowne, Feps. — Waupea gih — T. F. Koong, Denn. — Kernutnee trib. — Performer, Peps. — Waupea gih — T. F. Koong, Denn. — Kernutnee trib. — Levenov, Rep. — Myupea Sh — E. E. Stowne, Feps. — Waupea gih — Lienvol, Rep. — Myupea TERERTORTES Alaska (2) Delegate J. Wickernham, Prog. — Pairbankt Hawaii (3) Delegate Jonah K. Kalanianaole, Rep. Honolulu Perto Bico (1) Resident Comm. Laiz Munor Bivers, Unioniet Fallippinse (2)

SPEAKERS OF THE HOUSE OF	REPRESENTATIVES, 1789-1915.
Con-	. Con-
gress. Name and State. Born. Term. Died.	gress. Name and State. Born. Term. Died.
I F. A. C. Mahlenberg, Pa17501789-911801	30 Robert C. Winthrop, Mass. 1809. 1847-491894
2 Jonathan Trumbull, Ct 1740 1791-93 1809	31 Howell ('obb, Gu1815., 1849-51, 1868
3 F. A. C. Muhlenburg, Pa 1750 1793 95 1801	32, 23 Linn Boyd, Ky
4.5 Jonathan Dayton, N.J 1760 . 1795 99 1824	34 Nathaniel P. Banks, Mass 1816 . 1855-57 1894
6 Theo, Sedgwick, Mass 1746 . 1799 1801 1813	35 James L. Orr, S. C. 1832 1837 59. 1873 36 Wm. Pennington, N.J. 1796 1859-51 1862
10, II Joseph B. Varnum, Mass 1750 1807 - II 1821	37 Galusha A. Grow, Pa 1823. 1861-63 1907
12, 13 Henry Clay, Ky	38-40 Schuyler ('olfax, Ind 1823. 1863-69 1885
13 Langdon Cheves, S.C 1776. 1814-15 1862	40 Theodore M. Pomerov, N.J. 1824, 1869 1908
14-16 Henry Clay, Ky	4r-43 James G. Blaine, Me 1830 1869-75 1803
16 John W. Taylor, A. F 1784 . 1826-21 1854	44 Michael C. Kerr, Ind 1827. 1875 76 1876
17 Philip P. Barbour, Va 1783 . 1821-23 1841	44-46 Samuel J. Randall, Pa 1818. 1876 81 1890
18 Henry Clay, Ky	47 Joseph W. Keifer, Ohio 1836, 1881-83
29 John W. Taylor, N.Y	48-50 John G. Carlisle, Ky. 1835, 1883-89, 1910 51 Thomas B. Reed, Me. 1839, 1889-91, 1902
23 John Bell, Tenn	52, 53 Charles F. Crisp, Ga 1845 . 1891 95 1896
24. 25 James K. Polk, Tenn 1795 . 1835-39 1849	54. 55 Thomas B. Reed Me 1839. 1895 99 1902
26 R. M. T. Hunter, Va 1809. 1839-41 1897	45. 57 David B. Henderson, Ia, 1840., 1800 1003., 1005
27 John White, Ky 1805, 1821-431845	-8-6x Joseph G. Cannon, IV x895 1003-x1
28 John W. Jones, Va 1791 1843-45 1848	62-63 Champ Clark, Ky 1850. 1911
ag John W. Davis, Ind 1799. 1845-471859	

CLERKS OF THE HOUSE OF REPRESENTATIVES, 1789-1915.

				Name and State. To	
John Beckley, Va	1789-1797	Matthew St. C. Clarke, Pa.	1841-1843	Emerson Etheridge, Tennt 180	1-1853
				Edward McPherson, Pa 180	
John H. Oswald, Pa	1800 1801	Benjamin B. French. N.H	1845-1847	George M. Adams, Ky 18;	5-1881
John Beckley, Fa	1301-1807	Thos. J. Campbell, Tenn	1847-1850	Edward McPherson, Pa 18	1-1883
Patrick Magruder, Md	1807-1815	Hichard M. Young, Ill	1850-1851	John B. Clark, jr., Mo 18	3-1009
Thomas Dougherty, Ky	1815-1822	John W. Forney, Pa	1851 1855	Edward McPherson, Pa zs	9-I '9I
Matthew St. C. Clarke, Pa.	1822-1833	William Cullom, Tenn	1855-1857	James Kerr, Pa18;	1-1895
				Alexander McDowell, Paxlq	
Hugh A. Garland, Va	1833-1841	John W. Forney, Pa	.186c-1861	South Trimble, Ky191	

PRESIDENTS PRO TEMPORE OF THE SENATE, 1789-1015.

In the calleft congressed Periodians por tempore of this Senate were elected for the consion only, as each occasion areas. When a Vice-President died, resigned, or was promoted to the constant of the constant of the constant of the constant of the two-Presidents areas. The two-Presidents are sufficient of the constant of the two-Presidents are sufficient or nother President, the closed. The Presidential Succession Act of as January, 1886, eliminates the President of the Senate as a possible successor to the President. Succession and the President Succession and the President Succession and the Senate as a possible areas of the Company of the Senate as a possible areas of the Senate and the Senate as a possible areas of the Senate and the Senate as a possible areas of the Senate and the Senate as a possible areas of the Senate and the Senate as a possible areas of the Senate and Senate and Senate areas of the Senate and Senate are successful to the Senate and Senate areas of the Senate areas of the Senate and Senate areas of the Senate areas

Congress. Name and State. Born. Elected. Died.	Congress, Name and State, Born, Bleeted, Died,
I John Langdon, N.H 1741 4 Mar., 1789 1819	22 & 23 Hugh L. White, Tenn 2773 3 Dec., 1832 1840
2 Richard Henry Lec. Va.1732 18 Apr., 17021704	23 George Poindexter, Miss. 1779 28 June, 1834 1853
2 John Langdon, N.H 1741. 5 Nov., 1792 1819	23 John Tyler, Va 1790 3 Mar., 1835 1852
3 Ralph Izard, S.C 1742 31 May, 1794 1804	as to 26 William R. King, Alo 1786 1 July, 1836 1853
	27 Saml, L. Southard, N.J. 1787., 31 May, 1841 1842
4 Samuel Livermore, N.H. 1732. 6 May, 1796 1803	27 & 28 W. P. Mangum, N.C 1792. 31 May, 1842 1861
4 William Bingham, Pa. 1751. 16 Feb., 1797 1804	20 to 21 David R. Atchison, Mo. 1807 8 Aug., 1846 1886
5 William Bradford, R.I. 1729. 6 July, 1797 1808	31 & 32 William R. King, Ala. 1786. 6 May, 1850 1853
5. Jacob Read, S.C	32 & 33 David R. Atchison, Mo. 1807., 20 Dec., 1852. 1886
5 Theo. Sedgwick, Mass 1746 27 June, 1798 1813	33 Lewis Cass, Mich 1782 4 Dec., 1854 1866
5 John Lawrence, N.Y 1750 6 Dec., 1798 1810	33 & 34 Jesse D. Bright, Ind 1812. 5 Dec., 1854 1875
5 James Ross, Pa	34 (harles E. Stuart, Mich. 1810 9 June, 1856 1887
6 Samuel Livermore, N.H. 1732. 2 Dec., 1799 1803	34 & 35 James M. Mason, Va 1798. 6 Jan., 1857 1871
6 Uriah Tracy, Conn 1755. 14 May, 1800 1807	35 Thomas J. Rusk, Tex 1802., 14 Mar., 1857. 1857
6 John E. Howard, Md 1752. 21 Nov., 1800. 1827	35 & 36 Benj. Fitzpatrick, Ala. 1802. 7 Dec., 1857 1869
6 James Hillhouse, Conn. 1754 28 Feb., 1801 1832	36 Jesse D. Bright, Ind 1812. 12 June, 1860. 1875
7 Abraham Baldwin, Ga. 1754 7 Dec., 1801 1807	36 to 38 Solomon Poot, Vt 1812 16 Feb., 1861 1866
7 Stephen R. Bradley, Vt.1754 14 Dec., 1802 1830	38 Daniel Clark, N.H 1809., 26 Apr., 1864., 1891
8 John Brown, Ky 1757 17 Oct., 1803 1828	39 Lafayette S. Foster, Conn. 1806 7 Mar., 1865 1880
8 Jesse Franklin, N.C 1760 10 Mar., 1804 1823	39 & 40 Benjamin F. Wade, Ohioz800 2 Mar., 1867 1878
8 Joseph Anderson, Tenn. 1757 15 Jan., 1805 1837	41 & 42 Henry B. Anthony, R.I. 1815 23 Mar., 1869 1884
9 & to Samuel Smith, Md 1752. 2 Dec., 1805 1839	43 M. H. Carpenter, Wis. 1824., 12 Mar., 1893., 1881
10 Stephen R. Bradley, Vt.1754. 26 Dec., 1808 1830	43 Henry B. Anthony, R. I. 1815., 25 Jan., 1875., 1884
10 John Milledge, Ga1757 30 Jan., 1809 1818	44 & 45 Thomas W. Ferry, Mich. 1827 9 Mar., 1875 1896
11 Andrew Gregg, Pa1755 26 June, 1809 1835	46 A. G. Thurman, Ohio 1813 15 Apr., 1879 1895
11 John Gaillard, S.C1765 28 Feb., 1810 1816	47 David Davis, Ill 1815 3 Oct., 1881 1886
11 John Pope, Ky1770 23 Feb., 1811 1845	48 Geo. P. Edmunds, Vt x818 3 Doc., 1883
12 Wm. H. Crawford, Ga 1772. 24 Mch., 1812. 1834	49 John Sherman, Ohio 1823 7 Dec., 1885 1900
13 Joseph B. Varnum, Mass. 1750 6 Dec., 1813 1836	49 to 52 John J. Ingalls, Kan 1833 25 Feb., 1887 1980
13 & 15 John Gaillard, S.C 1765 18 Apr., 1814 1816	51 & 52 C. F. Manderson, Neb 1837 . 2 Mar., 1891 . 1911
15 & 16 James Barbour, Va 1775 15 Feb., 1819 1842	53 Isham G. Harris, Tenn. 1818. 8 Aug., 1893 1897
16 & 19 John Gaillard, S.C 1765 25 Jan., 1820 1826	53 Matt W. Ransom, N.C. 1886. , 7 Jan., 1895 1994
19 Nathaniel Macon, N.C., 1757., 20 May, 1826. 1837	54 to 62 William P. Frye, Me 1831 7 Feb., 1896 1913
20 & 21 Samuel Smith, Md 1752. 15 May, 1828. 1839	6s Yaman D. Charles And after an Man and

THE ARMY OF THE UNITED STATES.

UNDER the Army Act of 24 August, 1912, enlistment in the U.S. Army is for seven years (four years with the colors in active service and three years on furlough, without pay, years (our years with the colors in active service and three years on furlough, without pay, attached to the Army Reserve, which can only be called into actual service in the event of actual or threatened hostilities). The monthly pay ranges from \$15 to \$76 for non-commissioned officers; and all soldiers receive rations, clothing, bedding, and medical attendance in addition. Service in the Philippines and in

China entitles soldiers to 20 per cent. increase on the above rates.

The Army of the United States is limited by law to a total strength of 100,000. It is organized in 15 regiments of Cavalry (765 officers and 14,148 enlisted men), six regiments organizatu in 15 regimentes of Londrig (D5) officers and 4,448 enlisted men), six regiments of Field Artillery (23 officers and 3,533 enlisted men), pro companies of Cont Artillery (715 officers and 19,019 enlisted men), ap regiments of Infantry (1,530 officers and 3,533 enlisted men), appearing the mental officers and 3,533 enlisted men), and a provisional force of Blook Regiment of Infantry (3 officers and 5,533 enlisted men), with Staff Corps, School Detachment, in the Staff Corps, School Detachment, and the Staff Corps, School Detachment (1,530 enlisted men), with Staff Corps, School Detachment (1,530 enlisted men), with Staff Corps, School Detachment (1,530 enlisted (1,530 enlisted men)), which was considered to the Staff Corps, and the Carlos (1,500 enlisted men) (2,500 enlisted men), which was considered to the Staff Corps, and the Quartermaster Corps, the

GENERAL STAFF OF THE ARMY, Chief of Staff, Maj.-Gen. Hugh L. Scott ...\$8,000 Assistant to do., Brig.-Gen. Tasker H. Bliss 6,000

Inspector-General, Bg.-Gen. E.A.Garlington 6,000 Judge Advocate-General, Brig.-Gen. E. H.

GENERAL OFFICERS OF THE LINE.

GENERAL OFFICERS OF THE LEONARD WAS OF THE ASSOCIATION OF THE ASSOCIAT

Tasker H. Bliss, ar July, 1902.
Albert L. Mills, 7 May, 1904.
Albert L. Mills, 7 May, 1904.
John J. Pershing, 20 Sept., 1904.
M. M. Macomb, 15 Nov., 1910.
Robt K. Evans, 20 Jan., 1911. Robt. R. Evans, 39 Jam., 1911.
C. R. Edwards, 12 May, 1912.
James Parker, 12 Feb., 1913.
Hunter Liggett, 12 Feb., 1913.
John P. Wisser, 16 May, 1913.
Thomas F. Davis, 16 May, 1913.

REGIMENTS OF THE U.S. ARMY.

Col., Frederick S. Foltz. Lt.-Col., William S. Scott. Majors, E. S. Wright, W. T. Littebrant, James G.

OND CAVALRY. Ft. Ethan Allen, Vt.

Col., Joseph T. Dickman. Lt.-Col., Majors, William C. Rivers, Charles W. Fenton. ORD CAVALRY. Ft. Sam Houston, Tex.

Col., Augustus P. Blocksom. Lt.-Col., Guy Carleton. Majors, Jesse McI. Carter, Francis H. Beach,

4 TH CAVALRY. Schofield Barracks, Hawaii.

Col., George H. Sands. Lt.-Col., Wm. W. Forsyth, Majors, G. H. Preston, Ralph Harrison, John

TH CAVALRY. Ft. Myer, Va.

Col., Wilber E. Wilder. Lt. Col., Daniel L. Tate. Majora, S. R. H. Tompkins, Nat. F. McClure, William J. Glasgow.

TH CAVALRY. Harlingen, Tex.

Col., Joseph A. Gaston. Lt.-Col., Thos. B. Dugan. Majors, M. C. Buller, jr., James J. Hornbrook, Edward D. Anderson.

TH CAVALRY, Philippine Islands.

Col., C. H. Murray.

Cost., Col., Farrand Sayre.
Majors, Arthur Thayer, Charles J. Symmonds,
Elmer Lindsley, Edwin B. Winans.

OTH CAVALRY. Ft. Bliss, Tex.

Col., Chas. W. Taylor. Lt.-Col., Robt. D. Walsh.

Majors, George T. Langhorne, L. C. Scherer,
William T. Johnston. OTH CAVALRY. Douglas, Ariz.

Col., J. F. Guilfoyle. Lt.-Col., Majors, Alex. L. Dade, G. P. White. 10 TH CAVALRY. Huachuca, Ariz.

Col., Wm. C. Brown. Lt.-Col., De Rosey C. Cabell. Majors, G. L. Byram, E. W. Evans, Robert J.

Fleming.

TH CAVALRY. Ft. Ogelthorpe, Ga.
Col., James Lockett.
Lt.-Col., Henry T. Allen.
Majors, R. L. Howze, M. W. Rowell, Samuel

OTH CAVALRY. Ft. Robinson, Neb.

Col., H. G. Sickel. Lt. Col., J. C. Waterman. Majors, S. H. Elliott, Edward Anderson.

TH CAVALRY. Columbus, N.M.

Col., Herbert J. Slocum.
LL.-Col., T. R. Rivers.
Majors, James A. Ryan, Ervin L. Phillips,

1 4 TH CAVALRY. Ft. Clark, Tex. Col., F. W. Sibley.
Lt.-Col., Robert A. Brown.
Majors, T. Q. Donaldson, O. B. Meyer.

To TH CAVALRY. Ft. Bliss, Tex. Cot., William A. Shunk.
Lt.-Cot., Grote Hutcheson.
Majors, Francis C. Marshall, Frank M. Caldwell,

ST FIELD ARTILLERY. Schofield Barracks.

Hawaii.
Col., S. D. Sturgis.
Lt.-Col., John E. McMahon.
Majors, N. Tiemann, W. S. Guignard. OND FIELD ARTILLERY.

Islands.

Col., Edward A. Millar.
Lt.-Col., William Lassiter.

Majors, William J. Snow, Adrian S. Fleming.

ORD FIELD ARTILLERY. Ft. Sam Houston, Tex. Col., Geo. W. Van Deusen. Lt. Col., C. T. Menoher.

Majors, LeRoy S. Lyon, Manus McCloskey. 4 TH FIELD ARTILLERY.-El Paso, Tex.

Col., Lucien G. Berry. Lt.-Col., G. Le Roy Irwin.

Col., Granger Adams. Lt.-Col., E. F. McGlachlin, jr. Majors, Albert J. Bowley, H. G. Bishop. 6TH FIELD ARTILLERY.-Douglas, Ariz.

COAST ARTILLERY CORPS.

H. H. Ludlow, S. E. Allen, W. C. Rafferty, C. L. Phillips, C. P. Townsley, A. Cronkhite, S. M. Foote, G. T. Bartlett, C. A. Bennett, H. C. Davis, T. Ridgway, J. W. Ruckman, I. A. Haynes, W. Walke, J. D. Barrette, R. P. Davis, G. F. Landers, G. W. Gatchell, O. I. Straub, A. M. Hunter.

J. L. Hayden, E. M. Blake, W. G. Haan, M. K. J. L. Haydeb, E. M. Biasie, W. G. Haan, M. K. Barroll, D. Skerrett, A. Campbell, W. E. Ellis, J. P. Hains, H. D. Todd, Jr., C. C. Hearn, W. C. Davis, F. G. Mauldin, D. W. Ketcham, T. B. Lamoreux, A. Hero, jr., F. E. Harris, G. Blakely,

IST INFANTRY, Schofield Barracks, Hawaii.

Col., Daniel L. Howell, Lt.-Col., Waldo E. Ayer.

Majors, Julius A. Penn, Chas. E. Tayman, Lewis

OND INFANTRY. Ft. Shafter, Hawaii,

Col., Walter S. Chatfield.

Lt.-Col., Benj. W. Atkinson.

Majors, M. J. Lenihan, William R. Dashiell,
H. O. Williams.

ORD INFANTRY, Madison Barracks, N.Y.

Col., Robert L. Hirst. Lt.-Col., Majors, James E. Normoyle, Lutz Wahl, Isaac

4TH INFANTRY. Brownsville, Tex.

Col., Everard E. Hatch. Lt.-Col., John P. Finiey. Majors, Frederic D. Evans, Paul A. Wolf, C. G.

TH INFANTRY Empire, Canal Zone.

Col., Charles G. Mortou. Lt.-Col., S. L. Faison. Majors, R. C. Croxton, J. K. Miller, Wm. D.

TH INFANTRY, El Paso, Tex. Col., Frank B. Jones. Lt.-Col., T. W. Moore. Majors, Charles Miller, H. E. Ely, Edward Sigerboos.

QTH INFANTRY. Philippine Islands

Lt. Col., James M. Arrasmith.
Majors, Wm. K. Jones, S. A. Cloman, Willis
Uline.

OTH INFANTRY. Laredo, Tex.

Col., Charles J. Crane. Lt.-Col., B. B. Buck. Major, G. McD. Weeks.

1 OTH INFANTRY. Canal Zone,

Col., Samuel W. Miller. Lt.-Col., D. B. Devore. Majors, Chas. Gerhanlt, La Roy S. Upton, Douglas Settle.

1 TH INFANTRY. Douglas, Ariz.

Col., Abner Pickering. Lt. Col., A. I. Lasseigne. Majors, J. B. Bennet, Wm. M. Morrow,

1 Z Col., William H. Sage. Lt. Col., James H. Frier. Major, Samuel V. Ham.

13TH INFANTRY. Philippine Islands.

Col., Francis J. Kernan. Lt.-Col., Benjamin C. Morse. Majors, R. L. Bush, I. C. Jenks, H. J. Price.

1 TH INFANTRY, Ft. Lawtou, Wash. Col., R. H. Wilson.
Lt.-Col., Maury Nichols.
Majors, J. W. McAndrew, M. B. Stokes.

Col., John F. Morrison. Lt. Col., Samuel E. Smiley. Majors, J. R. Lindsay, F. W. Sladen, J. E. Wood-

16TH INFANTRY. El Paso, Tex.

Col., Omar Bundy. Lt.-Col., Frank L. Winn. Majors, C. S. Farnsworth, James T. Moore, Geo. H. McMaster.

1 77TH INFANTRY. Eagle Pass, Tex. Col., Henry C. Hodges, ir. Lt.-Col., Majors, Robt. Alexander, G. C. Saffarans, B. F. Hardaway.

8TH INFANTRY. Douglas, Ariz.

Lt.-Col., Alfred Hasbrouck Majors, C. H. Martin, M. L. Hersey, F. W. Kobbe.

19TH INFANTRY. Ft. Sam. Houston, Tex. Col., M. F. Walz.
Lt. Col., Almon L. Parmenter.
Majors, E. M. Lewis, S. Burkhardt, Jr.

O.T.H. INFANTRY. Ft. Bilss, Tex.
Col., Harry C. Hale.
Lt.-Col., Frederick Perkins.
Mejors, W. R. Sample, G. D. Mobre, Thomas F.
Schley.

21 ST INFANTRY. Vancouver Barracks, Col., Geo. S. Young.
Lt.-Col., David J. Baker, Jr.
Majors, J. T. Dean, Wilson Chase, W. Brooke.

Col., C. M. Truitt. Lt.-Col., R. H. Noble.

ZO Col., Walter K. Wright. Lt.-Col., Clarence E. Dentler. R. Hagadorn, Henr

24 TH INFANTRY. Presidio, San Francisco, Col., Charles W. Penrose, Lk.-Col., Charles C. Ballou. Majors, J. Mod. Palmer, W. Newman, J. H.

25 TH INFANTRY. Schofield Barracks, Col., L. W. V. Kennon. Lt. Col., Carl Reichmann.

Mayors, F. H. Albright, V. A. Caldwell, E. L.

26TH INFANTRY. Harlingen, Tex. Col., R. L. Bullard. Ld.-Col., Charles H. Muir. Majors, Luctus L. Durfee, Melville S. Jarvis,

OFTH INFANTRY. Philippine Islands.

Lt. Col., Chas. H. Barth.
Lt. Col., W. H. Gordon.
Majors, W. T. Wilder, F. H. Sargent, J. D.
Leitch.

2 TH INFANTRY. Galveston, Tex. Col., Edward H. Plummer. Lt.-Col., E. F. Taggart. Majors, E. C. Carnahan, E. A. Helmick, H. A. Smith.

20 TH INFANTRY. Camp Gaillard, Canal Zone. Col., John S. Mallory. IL-Col., Evan M. Johnson. Majors, E. R. Chrisman, P. Murray, J. J. Bradley. 30th INFANTRY. Plattsburg Bks., N.Y.

Col., Edwin A. Root. Lt.-Col., Joseph P. O'Nell. Majors, H. H. Bandholdtz, Henry T. Ferguson,

THE MILITIA.

This Militia of the United States consists of all able-bodied male citizens of the States. Territories and the District of Columbia more than 18 and less than 42 years of age, and all able-bodied alieus in the aforeasit political subdivisions more than 15 and less than 42 years of age who have declared their intention to become citizens. The militia divided into the organized militia and the reserve militia. The following table shows the strongth of each division by States, etc.

STRENGTY OF THE ORGANIZED MILITIA OF THE UNITED STATES . IAN

	STRENGTH OF THE ORGANIZED MILITIA OF THE UNITED STATES, 1 JAN., 1915.							
	State, Territory, or District.	Official Designation.	General and General Staff	Regimental and Company Officers.	Commissioned Officers.	Enlisted Men.	Commissioned and Enlisted.	Reserve Militin (Unorganized).
1 2 3 4 5 6 7 8 9 10 1 12 3 1 5 6 7 8 9 10 1 12 3 1 5 6 1 7 8 1 9 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Commedicant National Grand Opamical Millite of Delanare, Opamical Millite of Delanare, Opamical Millite of Delanare, National Guard of Debries of National Guard of Prierita National Guard of Georgia National Guard of India National India	23 8 8 18 39 24 4 31 8 8 33 7 10 13 79 31 48 8 28 8 28 8 13 34 8 8 48 48 48 48 8 13 3 48 8 6 28 8 13 3 48 8 6 8 6 28 8 13 3 48 8 6 8 6 28 8 13 3 6 28 8 13 6 28 8 10 6 20 8 10 6 20	163 33 100 1161 163 33 31 109 447 167 167 182 103 156 53 95 163 178 184 195 196 196 196 196 196 196 196 196 196 196	186 47 118 255 125 125 125 125 125 125 125 125 125	2,745 860 1,542 1,732 1,732 1,732 1,172 2,645 860 2,386 3,386 3,386 3,386 3,386 3,186 3,19	2,931 2,931 1,665 3,636 3,636 3,636 3,636 8,566 8,566 8,566 8,566 1,190 1,	\$2,000 (0,000)
47 48 49 50	West Virginia . Wisconsin Wyoming	West Virginia National Guard Wisconsin National Guard Wyoming National Guard	16 23 6	166	116 189 35	1,793 2,898 590	1,909 3,087 625	225,000 438,472 42,000

THE NATIONAL FLAG.

THE official flag of the United States bears forty-eight white stars in a blue field, arranged in six rows. The flag of the Army is made of bunting, 36 feet fly and 20 feet hoist; thirteen stripes, and in the upper quarter, next the staff, is the field or "union" of stars, equal to the number of States. in the upper quarter, next the stair, a tree of on blue field, over one-third length of the flag, extending to the lower edge of the fourth red stripe from the top. The Revenue Marine Service flag, authorized by Act of Congress, 2 March, 1799. from one top. He Recture was a first to the consist of exteen perpendicular stripes, alternate red and white, the union of the ensign bearing the arms of the United States in dark blue on a white field. The sixteen stripes represented the number of States which had been admitted to the Union at the Constitution of the stripes of the Union at time. Prior to 1871 it bore an eagle in the union of the pennant, which was then replaced by thirteen blue stars in a white field, but the eagle and stars are still retained in the flag. June 14 the anniversary of the adoption of the flag, is celebrated as Flag Day in a large part of the Union.

The flag should be hoisted at sunrise, and hauled down at sunset.

At "retreat," civilian spectators should stand at "attention" and uncover during the playing of the "Star Spangled Banner." Military spectators are required by regulation to stand at

When the National Flag is passing, the spectator should, if walking, halt, and if sitting, arise and stand at attention and uncover.

When the flag is flown at half staff as a sign of mourning it should be hoisted to full staff at the conclusion of the funeral. On Memorial Day, 30 May, the flag should fly at half staff from sunrise to noon, and full staff

THE NAVY OF THE UNITED STATES.

THERE were, in the United States Navy, on I July, 1915, 3,735 officers and 52,444 enlisted en. In the Marine Corps, on that date, there were 344 officers and 9,965 enlisted men. A list of the vessels of the Navy, with details of armament, speed, displacement, etc., will be

FLAG OFFICERS (ACTIVE LIST).

ADMIRAL.
George Dewey, born 26 Dec., 1837, 2 March, 189
REAR-ADMIRALS OF THE LINE.
Thomas B. Howard14 Nov., 19
Austin M. Knight20 Jan., 10
Bradley A. Fiske 3 Aug., 19
James M. Helm 74 Sept. 76
Cameron McR. Winslow14 Sept., 19
Nathaniel R. Usher14 Sept., 19
Frank F. Fletcher
Frank E. Beatty27 April. 10
Wythe M. Parks 12 Feb., 10
William B. Caperton13 Feb., 10
Walter F. Worthington 36 March, 10
Clifford J. Boush26 March, 10
Henry T. Mayo 15 June, 10
Charles F. Pond 10 March, 19
Walter McLean 10 March, 10
De Witt Coffmann31 Dec., 19
Reynold T, Hallar Feb., 19
William F. Fullam Msv. 10
Albert G. Winterhalter July, 19
Augustus F. Fechteler
Albert Gleaves 30 July, 10
Herbert O. Dunn
Albert W. Grant Sept., 19
STAFF CORPS OFFICERS WITH THE RANK OF
REAR-ADMIRAL.
William C. Braisted, Surgeon-General,

David W. Taylor, Chief of Bureau of Construc-tion and Repair.

CAPTAINS. Benjamin Tappan, Win. S. Bensen, Thomas S. Bocker, James H. Glennon, Win. Roes Eush Burger, James H. Glennon, Win. Roes Eush Burger, James H. George R. Gark, George B. Gark, George B. Glark, George B. Gark, George G. Gark, George B. Gark, George G. Gart, George G. Gart, W. Bartlett, George G. Gart, George G. Gart, W. A. Gull, Harold P. Norton, Gartnes A. Eart, Win. A. Gill, Harold P. Norton, Grance G. Gart, Win. A. Gill, Harold P. Norton, G. Gartnes A. Gart, Win. A. Gill, Harold P. Norton, G. Gartnes G. Gart, Win. A. Gill, Harold P. Norton, G. Gartnes Lapohatz, Renry E. winon, Unita's Resement Wood, Wm. R. Fletcher, Mahaviry Jouanois, Wood, Wm. R. Fletcher, Mahaviry Jouanois, Law and Markey Markey Markey Markey Law and Markey Markey Markey Markey Williams, Roger Welles, John L. McDonad, Hilary F. Jones, Wm. E. Shoemaker, Charles F. Funziett, Volney O. Chaes, Joseph Strams, Glinner, Robert E. Coonts, Wm. H. G. Bullard, Joseph W. Oman, Fhilip Andrews, George F. Cooper, Joshah S. McKean, Beaton O. Docker, Cooper, Joshah S. McKean, Beaton O. Docker, Archibids S. Sealey, Victor Blac Informa Wash-ington, Guy H. Eurrage, Ashley H. Zobertzon, Crose, Ligord, Chandier, Samuel S. Robiston, Charles F. Hughes, Edward L. Beach, Herman O. Stokhup, Herry A. Wiley, Preferic B. Raseyd, Benjanni F. Rutchloon, Thomas P. Magnuder, Sumper E. W. Kittelo.

COMMANDERS William V. Pratt, I ouis McC. Nulton, Wm. D.

A. Kaiser, Wm. C. Cole, Philip Williams, Warren J. Terhune, Cleland Davis, Wm. K. Harrison, Prank H. Schofield, Urban T. Holmes, John V. Chase, Henry J. Ziegemeier, George W. Williams, Claude B. Price, Montgomery M. Taylor, Charles Z. Vogelgesang, Charles B. McVay, Ir., John H. togg, Frank H. Clark, Edward Hale Campbell, Walter S. Crosley, Charles J. Lang, Henry B. Price, Martin E. Trench, Orton P. Jackson, Francis L. Chadwick, Percy N. Olmsted, John R. Brady, C. C. Føwel, E. B. Upham, André M. Procter, Chester Wells, Ridley McLean, David F. Sellers, J. T. Tompkins, S. V. Graham, A. W. Hinds, E. L. Bennett, Wm. P. Scott, Joseph M.

Admiral George Dewey, President; Rear-Admiral Austin M. Knight, Rear-Admiral Charles Admiral Austin M. Knight, Rear-Admiral Charles
J. Badger (refried), Rear-Admiral William S.
Benson, Maj.-General George Barnett, U.S.M.C.;
Captains Harry S. Knapp, William L. Rodgers,
James H. Oliver, Spencer S. Wood, Lloyd H.
Chandler, and Charles F. Hughes; Commander
Rufus Z. Johnston.

NAVAL WAR COLLEGE, NEWPORT, R.L. Rear-Admiral Austin M. Knight, President, OFFICE OF NAVAL AERONAUTICS.

Captain Mark L. Bristol, Director.
NAVAL OBSERVATORY.

Captain John A. Hoogewerff, Superintendent.
Hydrographic Office.

Captain In-dinas wasnington, Hydroffycher.

OFFICE OF THE JUDGE ADVOOATS GENRKAL.

CIVILIAN NAVAL ADVISORY BOARD.

R. Whitney and Dr. L. H. Sackeland, of the American Chemical Society: Frank Julian Sprague and

E. G. Lamme, of the American Institute of Elec-William Lawrence Saunders and Benjamin Bow-ditch Thayer, of the American Institute of Mining Engineers; Dr. Joseph William Richards and Lawrence Addicks, of the American Electro-chemical Society; William Le Roy Emmet and Spencer Miller, of the American Society of Mechanical Engineers; Henry Alexander Wise

FLEETS OF THE NAVY.

Commander-in-Chief, Rear-Adm. Frank F. Kletcher, with the rank and title of Admiral; Flagship, Wyoming.

Commander, Rear-Adm. Henry T. Mayo, with the rank and title of Vice-Admiral. Battleships, Arkansas, Delaware, New York and

Commander, Rear-Adm. Augustus F. Fechteler.

Commander, Rear-Adm. Watter McLean.

Battleships, Louisiana, Minnesota, Connecticut,
New Hampshire and Vermont.

CRUISER SQUADRON.
Commander, Rear-Adm. William B. Caperton.
Armored Orusers, Washington, Montana,
North Carolina and Tennessee; Battleships,
Kearsarge and Kentucky; Crusser, Moines;
Gunboate, Machiaa, Marietts, Nashville,

Atlantic Reserve Fleet.

Commander, Rear-Adm. James M. Helm.
Battleships, Alabama, Ohio, Illinois,
Dakota, Missouri and Wisconsin.

Armored Cruisers, San Diego and Maryland; Cruisers, Chattanooga, Cleveland, Denver, New Orleans and Raleigh; Gunboats, Anna-

Pacific Reserve Floet.

Commander, Rear-Adm. Charles F. Poung. Armored Cruisers, South Dakota, Colorado, Pitts-burg and West Virginia; Cruisers, Charleston, Milwaukee and Albany.

Asiatic Fleet.

Cruisers, Saratoga, Cincinnati, and Galveston,

Gunboats, Ricano, Helena, Monocacy, Palos, Quiros, Samar and Villaloboa.

VESSELS OF THE U.S. NAVY. § = Turbine. °= 0il Fuel.

Name.	Launched.	Displace- ment, Tons.	Main Armament. No. of Guns and Caliber.	Horse Power.	Speed. Knots.
Detter (40)					
Battleships (42):— Alabama	1898	11,550	4×13 in.; 14×6 in.	11,366	27
Arkansasý	1011	26,000	12×12 in.; 21×5 in.	29,320	23
Connecticut	1904	16,000	4×12 in.; 8×8 in.; 12×7 in.	20,525	19
Delawares	1909	20,000	10×12 in.; 14×5 in.	29,529	21.2
Floridaý	1910	21,825	10×12 in.; 16×5 in. 4×12 in.; 8×8 in.; 12×6 in.	41;810 25,463	23
Illinois	1898	11,552		12,318	19
Indiana	1893	10,288	4×13 in.; 14×6 in. 4×12 in.; 8×8 in.; 10×4 in. 4×12 in.; 8×8 in.; 10×4 in. 4×12 in.; 8×8 in.; 12×7 in. 4×13 in.; 4×8 in.; 12×5 in. 4×13 in.; 8×8 in.; 12×7 in. 4×14 in.; 8×8 in.; 12×7 in.	9,740	15'5
Iowa	1896	11,346	4×12 in.; 8×8 in.; 10×4 in.	12,100	27
Kansas	1905	16,000	4×12 in.; 8×8 in.; 12×7 in.	19,757	18
Kearsage	1898	11,520	4×13 lll. ; 4×8 lll. ; 18×5 lll.	11,950	17
Kentucky	1898	15,000	4×13 in. ; 4×0 in. ; 10×5 in.	21,350	17
	TOOT	12,500	4×12 in.; 15×6 in.	15,840	18
Massachusetts Michigan	1803	10,288	4×13 in.; 8×8 in.	10,400	16
Michigan	1908 .	16,000	8×12 in.	16,517	19
Minnesota	. 1302	16,000	4×12 in.; 8×8 in.; 12×7 in.	20,570	19
Missouri Nebraska	1901	12,500	4×13 in.; 16×6 in. 4×13 in.; 8×8 in.; 12×6 in.	21.010	18
Nevadaý	1914	27,500	10×14 in. : 21×5 in.	26,500	80'5
	roofi	16,000	10×14 in.; 21×5 in. 4×12 in.; 8×8 in.; 12×7 in.	18,104	18
New Jersey New York North Dakota Ohio	1904	14,948		23.570	19
New Yorks	1912	27,000	10×14 in.; 21×5 in. 10×12 in.; 14×5 in. 10×12 in.; 16×6 in. 10×14 in.; 21×5 in. 4×13 in.; 8×8 in.	28,100	21
North Dakotas	1908	20,000	10×13 lll.; 14×5 lll.	32,307	18
Ohlehomo (2	1901	27,500	4 X 12 III. ; 10 X 0 III.	10,500	20'5
Oklahomaý Oregon	1893	10,288	4×12 in. : 8×8 in.	II.III	17
Pennsylvania	1015	31,400	12×14 in.; 22×5 in. 4×12 in.; 8×8 in.; 12×6 in.		31
Rhode Island	1904	14,948	4×12 in.; 8×8 in.; 12×6 in.	20,620	19
South Carolina	1908	16,000	6 X 12 III.	18,357	19,
Texaso	1918	27,000	- 10×14 in.; 21×5 in. 10×12 in.; 16×5 in.	28,100 28,136	ax ax
Vermont	1909 1905	21,825	4×12 in.; 8×8 in.; 12×7 in.	18,249	18
Virginia	1904	14,948	4×13 ln.; 8×8 in.; 13×6 in.	23,468	19
Wisconsin Wyomingo	1898	11,552	4×13 in.; 14×6 in.	12,600	17
Wyoming	1911	26,000	12×12 in.; 21×5 in.	34,956	BI
Arizonaçã	1915	31,400	12×14 in.; 22×5 in.		BX
California		32,000	12×14 in.; 22×5 in. 12×14 in.; 22×5 in. 12×14 in.; 22×5 in.		21
Mississippi	-	32,000	. 12×14 in.; 22×5 in.		21
*No 42		30,000			
*NO. 44			<u> </u>		-
Armored and First Class	A. 1				
Cruisers (15):-			011010 1 1 1 1 1 1 1 1	-0	
Brooklyn	1895	9,215	8×8 in. ; ra×5 in. • r4×6 in.	27,500	138
Colorado	1904	12,680	4×8 in. : 14×6 in.	27,370	33
Colorado	1903	13,680	4×8 in. : 14×6 in.	28,470	83
Milwaukee	1004	9,700	TAX6 in.	24,500	92
Montana	1906	14,500	4×10 in.; 16×6 in. 4×10 in.; 16×6 in. 4×8 in.; 14×6 in.	28,28o	33
North Carolina	1906	14,500	4×10 III.; 10×0 III.	27,274	22
Pittsburgh St. Louis	1903 1905	13,680 9,700		27,480	22
San Diego	1905	13,680	4×8 in.; 14×6 in.	29,058	22 /
Saratoga	1891	8,150	4×8 III.; 10×5 III.	17,401 28,843	ar '
South Dakota	1904	13,680	4×8 in.; 14×6 in.		23
Tennessee		14,500	4×10 in.; 16×6 in.	27,571	22
Washington	1905	14,500	4×10 in.; 16×6 in. 4×8 in.; 14×6 in.	27,460	32
West Virginia Second Class Cruisers	1903	13,000	4 vo m.) sevo m.	-0,400	-
(4):					
	1885 .	4,500	14×5 in.	9,000	18
Columbia	1893 - 1893	7,350	3×6 in.; 8×4 in.	18,500	23
Minneapolis	1893	7,350 5,865	14×5 in. 3×6 in.; 8×4 in. 3×6 in.; 8×4 in. 4×8 in.; 10×5 in.	20,860 -17,313	23
	1892		ppropriation Act for 1915-16.	-7,313	
	Attuge		15-05-11-10-10-10-10-10-10-10-10-10-10-10-10-		

Vessels of	f the U_I	rited S	tates N	avy.
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Name.	Launched	Displace- ment. Tons.	Main Armament. No. of Guns and Caliber.	Horse Power,	Speed Knots.
Double Turret Monitors	7	200			
(5):	'	- 1	The state of the s		
Amphitrite	1883	3,990	4×10 in.; 2×4 in.	1,600	10'5
Miantonomoh	1876	3,990	4×10 in.	1,426	10.2
Monadnock	1883	3,990	4×10 in.; 2×4 in.	2,163	13
Monterey	1891	4,084	a×12 in.; a×10 in.	5,244	14
Terror	1883	3,990	4×10 in.; 4×4 in.	1,000	10.2
at 2 mg . 1 mg . 1			and the second of		
Single Turret Monitors		1. 2. 1. 1			
(4):			Arman a decin		12
Cheyenne		3,225	a×12 in.; 4×4 in.	2,450	12
Ozark	1900	3,225	2×12 in. ; 4×4 in.	x,830	12
Tallahassee	1901	3,225	2×12 in.; 4×4 in. 2×13 in.; 4×4 in.	2,390	
Tonopah	1900	3,225	3×13 m.; 4×4 m.	2,000	13
Third-Class Cruisers					
		}-			
(15):-	2800	2 420	zo×s in.	7,500	21
Albany		3,430	axs in.	15,889	24
Birmingham	1907	3,750	2×8 in.; 3×6 in.; 1×4 in.		16
Boston	1883	3,000	zo×5 in.	4,300	17
Chattanooga	1903	3,200	2×5 in.	5,390 28.168	37.
Chesterý	1907	3,750	ri×s in.	8,490	20
Cincinnati	1892	3,183	xo×5 in.	4.680	16
Cleveland	1901	3,200	zo×s in,	5,200	17
Denver	1908	3,200	zo×5 in.	5,400	17
Des Moines	1908	3,200	zo×5 in,	5,170	16
Marblehead	1903		8×5 in.		18
Marblenead	2092	2,072	0 / 5 III.	5,450	20
New Orleans	1896	3,430	10×5 in.	7,500	
Raleigh		3,183	IIX5 ih.	8,159	25
Salemý		3,750	2×5 in.	23,242	
Tacoma	1903	3,200	xo×5 in.	5,420	17

Miscellancous.—In addition to the above there are no vessels of special type, 5 supply ships, 48 trus-boats, 16 converted yachts, 25 fuel ships, 6 transports, 1 hospital ship, 9 tenders to torpedo vessels, and 19 unserviceable for war purposes.

Name.	Lehd.	Tons.	H.P.	Kts.	Name.	Lehd.	Tons.	H.P.	Kts.
Corpedo-boat Destroyers:					Torpedo-boat Destroyers				
Ammeno	IQIO	742	14,001	30	(contd.)—				
Avlwind	IQIS	1,036	16,000	30	Lamsoný	1909	700	10,760	20
Bainbridge	IgoI	420	8,000	28	Lawrence	1900	400	8,400	28
Balch	1912	1,036	16,000	30	McCallý	1910	742	13,072	31
Barry	1902	420	8,000	. 28	Macdonough	1900	400	8,400	28
Beale(1912	742	11,800	30	McDougalý	1914	1,020	16,000	29
Benhamó	IQI3	1,036	16,000	30	Mayranto	1910	742	13,140	. 30
Burrows	1910	742	13,254	31	Monaghany	1911	742	12,410	30
Cassino	1913	1,020	15,307	30	Nicholson	1914	1,050		100
Chauncey	IQUI	420	8,000	29	O'Brien	1914	1,050		100
Convngham	1914	1,000		29.2	Parkerý	1912	1,036	16,000	30
Cummingso	1013	1,020	16,335	31	Patterson	1911	742	12,622	. B5
Cushingý	IQI4	1,050		29	Paul Jones	1902	420	8,000	250
Dale	1000	420	8,000	28	Paulding(1910	742	17,393	33
Decatur	1900	420	8,000	28	Perkinsý	1910	742	11,688	30
Downess	:QE3	1.073	16,000	29	Perry	1900	420	7.950	1 (88)
Draytono	IQIO .	742	15,524	31	Porter	1914	1,000		.20
Duncano	IQIZ	1,010	16,000	29	Preble	ropr	420	7,370	28
Ericsson6	IQI4	1,000		29	Prestoný	1909	700	10,018	20
Fanningo	IQIZ	742	12,600	30	Reid6	Igog	700	12,421	32
Flusser@	IQOQ	700	11,541	30	Roeý	1900	742	12,200	30
Henleys	1013	742	13,472	30	Smith	1900	700	9,946	. 28
Hopkins	1908	408	8,450	29	Sterretto	IQIO	742	12,780	31
Hull	1903	408	9,120	: 28	Stewart	1903	420	8,000	30
Jacob Jones	1914	1,150	***	29'5	Тегтуб	IQOQ	742	13,350	1 30
Jarviso	IQIE	742	10,584	30	Trippeo	1910	742	14,978	31
Jenkins	IQI2	742	12,440	31	Truxtun	IQOI	433	8,300	30
Jouetto	IGIR	742	12.340	38	Tucker	IQI4	1,000	7.0	29"

Name.	Lehd.	Tons.	H.P.	Kts.	Name,	Lehd.	Tons.	H.P.	Kts.
Torpedo-boat Destroyers					Torpedo-boats (contd.)-				
(contd.)* Wadsworth					Thornton	1899	200	3,000	25
Wainwright	1914	1,090	***	30	Tingey	1899	165	3,000	25
Walkeý	1914	1,150		29.2	Gunboats (29):				
Warringtoný	1910	742	12,573	30	Annapolis	1800	1,010	1,227	13
Whipple	1910	742	12,846	30	Callao	1888	243	250	10
Winslows	1901	433	8,300		Castine	1892	1,177	2,199	16
Worden	1915	1,050	0	29	Concord	1890	1,710	3,404	17
+Sampson	1901	1,125	8,300	30	Dolphin	1884	1,486	2,225	15.2
+Rowan					Don Juan de Austria	1887	1,130	941	15
+Davis		1,125			Elcano	1885	620	600	II !
†Allen		1,075			Helena	1896	1,392	1,988	15.2
+Wilkes		1,075			Isla de Luzon	1887	1,030	335	II
†Shaw		1,125			Machias	1891	1,177	1.873	15
Torpedo-boats (rg):-		1,105			Marietta	1897	990	1,054	13
Bagley	1900			-2	Monocacy Nashville	1914	190	800	13
Pailey	1800	175 280	3,920	29		1895	1,371	2,536	16
Barney				30	Newport Paducah	1896	1,010	1,000	12
Biddle	1900	175	3,920	2Q			1,085	1,268	13
Blakeley	1900	175	3,910	26		1914	190	800	13
Dalghren	1899	145	4,200		Pampanga	1888	243	250	Yo
De Long	1999	195	3,000	30 z5	Petrel	1888	890	1,045	. II
Du Pont	1897	165	3,800			1897	I,oio	923	II
		279	5,600	30	Quiros Ranger	1895	350	550	YY
Foote		142	2,000	25	Sacramento 1		1,261	500	IO
Fox		154			Samar	1914	1,425	950	13
Goldsborough ,	1800	255	5,850	23	Sandoval	1887	243	250 666 -	10.2
	+808	65	1,192	20	Vicksburg	1805	100		8
	1808	105	1,750	24	Villalobos		1:010	1,118	13
Rodgers		142	2,411	24	Wheeling	1896	370	450	XX
Shubrick		200	3,000	26	Wilmington	1897	990	1,080	13
		150	1,000	15	Yorktown		1,392	1,898	15
						1888	1,710	3,392	16
Six additional torpe			OVERS W	rere a	uthorized by the Naval	ADDE	opristi	on Law	for

Six additional torpedo-boat destroyers were authorized by the Naval Appropriation Law for

Submarines.	Number (75).	Launched	Displacement.	Surface.	Speed (knots).			
Nuommitaes.	Trainine (73).		Displacement.	I.H.P.	Surface.	Submerged.		
Numbers 60 to 77 N 1 to 7 Solley 7 M 2 L 1 to 11 K 1 to 8 H 1 to 3 G 1 to 4 F 1 to 3 G 1 to 4 F 1 to 3 G 1 to 5 L 1 to 5 A 2 to 7	18 7 x x x x x x x x x x x x x x x x x x	1915 1914-1915 1913-1914 1912-1913 1911-1913 1911-1912 1909-1909 1906-1909 1906-1909	500 500 500 525 525 525 527 527 527 527 527 527 527	2,000 ,800 1,200 ,780 600 500 500 250 150	16 14 14 14 14 12 10 9'5 8'5	22 III 9'5 9'5 9'5 90 9		

NAVY YARDS.

BOSTON NAVY YARD, Boston, Mass. Commandant, Capt. Wm. R. Rush. JARE ISLAND NAVY YARD, San Francisco, Ca Commundant, Capt. Frank M. Bennett,

NEW YORK NAVY YARD, Brooklyn, N.Y. Commandant, Rear-Adm. Nathaniel R. Usher. NORFOLK NAVY YARD, Norfolk, Va. Commandant, Rear-Adm. Frank E. Featty PHILADELPHIA NAVY YARD, Philadelphia, Pa.

PORTSMOUTH NAVY YARD, Portsmouth, N. H. Commandant,

PUGET SOUND NAVY YARD, Bremerton, Wash. Commandant, Commander Robert E. Coontz. WASHINGTON NAVY YARD, Washington, D.C.

118 Naval Stations-Navy Pay-Relative Ranks-World's Navies.

NAVAL STATIONS.

CAVITE, Philippine Islands.

Commandant, Capt. Benjamin Tappan.

CHARLESTON, S.C. Commandant, Capt. Benj. C. Bryan.

GREAT LAKES, Ill.

Commandant, Commander Wm. A. Moffett.

GUAM.

Commandani, Capt. W. J. Maxwell.

Commandant, Commander John M. Luby Hoxolulu, Hawaii.

Commandant, Rear-Adm. Clifford J. Boush.

KEY WEST, Fla.

NARRAGANSETT BAY, R.I. Commandant, Rear-Adm, Austin M. Knight

Commandant, Rear-Adm. Austin M. Knight OLONGAPO, Philippine Islands.

Commandant, Capt. Benjamin Tappan.
TUTUILA, Samoa

Commandant, Commander John M. Po-(retired).

NAVY PAY (ANNUAL).

Admiral, \$1,350. Vice-Admiral, \$1,000. Rear-Admiral, \$5,000 to \$5,000. Contain, \$4,000 to \$5,000. Contain, \$4,000 to \$5,000. Contained, \$5,000 to \$4,000. Lieutenant-Commander, \$5,000 to \$4,000. Lieutenant, \$5,000 to \$4,000. Lieutenant, \$5,000 to \$4,000. Lieutenant, \$6,000 to \$4,000 to

NAVAL MILITIA ORGANIZATIONS BY STATES.

States.	Officers.	Men.
California	64	634
Connecticut	22	258
District of Columbia	13	308
Florida	16	73
Illinois	45	549
Louisiana	26	330
Maine	10	175
Maryland	18	x32
Massachusetts	45	603
Michigan	43	427
Minnesota	17	174
Missouri	19	184
New Jersey	29	36x
New York	84	1,35¥
North Carolina	43	332
Ohio	18	- 219
Oregon	14	238
Pennsylvania	12	180
Rhode Island	14	182
South Carolina	14 -	103
Washington	17	305
Wisconsin	13	214
Total	596	7,132

RELATIVE RANK IN ARMY AND NAVY. Generals rank with Admirals.

Jeutenant-Generals rank with Vice-Admirals, dajor-Generals rank with first 9 Rear-Admirals Brigadier-Generals rank with other Rear Admirals.

Colonels rank with Captains.
Lieutenants-Colonels rank with Commanders,
Majors rank with Lieutenant-Commanders,
Captains rank with Lieutenants.

First Lieutenants rank with Lieutenants Junio Grade. Second Lieutenants rank with Ensigns.

THE WORLD'S NAVIES (I February, 1914).

PRECTIVE FIGHTING PLEETS OF THE MARITIME POWER:

CLASSIFICATION.	U:S	3.A.	U.	K.	FR	ANCE.	Ru	SSIA.	Gen	MANY.	AUSTE	tia-II.	IT.	ALT.	JA	FAN.
CLASSIFICATIOS.	Blt.	Bldg.	Blt.	Bldg.	Blt.	Eldg.	Blt.	Bldg.	Blt.	Bldg.	Built	Bldg.	Blt.	Bldg.	Blt.	Bldg.
Battleships	30	6	58	14	21	10	8	7	35	6	14	2	9	5	17	2
Armoured Battle Cruisers									H						-::	
Cruisers	17		47 65		24		12		9		2 9		9		15	
Torpedo Vessels	2	2	25	I	3						II		3		3	
TBD	ar				80 153	7	95 45	45	133 80	122	15 58	3 27	3º 94	16	51 33	2
Submarines	29	18	09	27	50	36	25	18	24	140	6	5	18	2	13	2

RANK OF STATES IN POPULATION, 1790-1910.

STATE!	CENSUS OF	1790.	Chinada oa	z890.	CENBUS OF	1900.	CENSUS OF	1910.
Ciates)	Population.	Rank.	Population	Rank.	Population.	Rank.	Population.	Rank.
Alabama (6)			1,513,401	17	1,828,697	18	2,138,093	18
Arizona (8)	-	***	88,243	47	122,931	47	.204,354	46
Arkansas (7)			1,128,211	24	1,311,564	25	1,574,449	25
California (9)			1,213,398	22	1,485,053	21	2,377,549	13-
Connecticut (1)	237,946	8	413,249 746,258	31	539,700	32	799,024	3z
Delaware (s)	59,096	16	168,493	29 43	184,735	29 45	202,322	31 47
Delaware (5)	391-9-		230,302	40	278,718	41	331.060	43
Florida (s)			391,422	32	528,542	33	752,619	33
Georgia (5)	82,548	13	1,837,353	12	2,216,331	II	2,600,121	TO
Idaho (8)			88,548 3,826,352	46	161,772 4,821,550	46	325,594	45
			2,192,404	3 8	2,516,462	3	5,638,591 2,700,876	3 9
Iowa (4)		400	1,912,297	10	2,231,853	10	2,224,771	15
Kansas (4)	177		1,428,108	19	1,470,495	22	1,690,949	22
Indiana (3) Iowa (4) Kansas (4) Kentucky (6) Louisiana (7)	73,677	7.4	1,858,635	II	3,147,174	13	2,289,905	14
Maine (r)	96,540		1,118,588	25	1,381,625	23	742,371	24
Maryland (s)	210.728	6	1,042,390	30	1,188,044	31 26	1,295,346	34
Maggachugette (v)	208 080	4	2,238,947	6	2,805,346	2	3,366,416	6
Michigan (3) Minnesota (4)			2,093,890	9	2,420,982	9	2,810,173	8
Minnesota (4)			1,310,283	20	1,751,394	19	2,075,708	19
Mississippi (6) Missouri (4)			1,289,600	21	1,551,270	20	1,797,114	21
Montana (8)			2,679,185	5	3,106,665 243,329	5 43	3,293,335 376,053	7 40
Nebraska (4)			1,062,656	45 26	1,066,300	27	1,192,214	20
Nevada (8)		·	47,355	49	42,335	49	81,875	49
New Hampshire (1)	141,885	IO	376,530	33	411,588	37	430,572	39
New Jersey (2) New Mexico (8)	184,139	9	1,444,933 160,282		1,883,669	16	2,537,167	XX
		5	6,003,174	44	7,268,894	44	327,301	44
North Carolina (5) North Dakota (4)	393,751	3	1,617,949	16	1,803,810	25	2,206.287	16
North Dakota (4)		043	100.082	42	319,146	40	577,056	37
			3,672,329	4	4,157,545	4	4,767,121	4
Oklahoma (7) Oregon (9)	100		258,657	39 38	790,391	30	0,057,155	23
Panneylyania (a)	424 202	2	317,704 5,258,113	38	413,536 6,302,115	36	7,665,111	35
Rhode Island (x) South Carolina (5) South Dakota (4)	434,373 68,825	15	345,506	36	428,556	35	542,610	28
South Carolina (5)	249,073	7	1,151,149	23	1,340,316	24	1,515,400	38 26
South Dakota (4)			348,600	35	401,570	38	583,888	36
Tennessee (6)	35,691	17	1,767,518	13	2,020,616	14	2,184,789	17
Utah (8)			2,235,527	7	3,048,710	42	3,896,542	5 41
Vermont (r)	86.425	13	338,482	37.	343,641	39	373,351 355,956	42
Virginia (g)	747,610	x	1,655,980	15	1,854,184	17	2,061,612	20
Washington (9)	***	***	357,232	34 28	518,103	34 a8	3,141,990	30 28
West Virginia (5)	***		762,794		958,800		1,221,119	
Wyoming (8)			1,693,330 62,555	13 48	2,069,042 92,531	48	2,333,860 145,965	13 48
Now England (.)	1.000,408	- 2	4,700,749	7	5,502,017	7	6,552,68x	7
Middle Atlantic (2)	958,632	3	12,706,230	2	15,454,678	4	19,315,892	7
East North Central (3)			13,478,305	I	15,985,581	. 2	18,250,621	2
Middle Atlantic (z) East North Central (3). West North Central (4) South Atlantic (5).	. 00.6		8.022.112	3	10,347,423	4	21,637,921	4
East South Central (6)	1,851,806	1 4	8,857,922	4	10,443,480	- 3	12,194,895	36
West South Central (7)	109,308		6,429,154 4,740,983	5	7,547,757 6,532,290	5	8,409,901	
Mountain (8)			1,213,935		2,674,667	0	8,784,534	5
Pacific (9)			1,888,334	9	2,674,657	8	4,192,304	. 9
United States	3,949,214		62,947,714		75,994,575		91,972,266	
Territories and Dependen	cies Alasl	ta (64	256). How	oii (re	r coo) Gu	pm (==	Sarl Dhill	

Lalands (8,276, Sos), Porto Rico (5,118, Sous), Tutulis (7,950), Pansan Canal Zone (56,487) make a grand total for U.S. and Dependencies of 10,588, 517. The Philippine Islands rank next to N.Y. in order of population, Porto Rico ranks after Washington, and Hawaii after Delaware.

IMMIGRATION AND EMIGRATION.

DUMIGRANT ALIENS.

TABLE I - ALIEN IMMIGRANTS AND TOTAL DEPARTURES.

PASSENGERS DEPARTED.

sended Street	Males	P-ma	-	Total.		Passenzers.		Other Passenger		Total.
1744	13/1 247	122.2	20	314.4	50	19	1:931	100.840		312,771
Desc	150 124	125 5	24	270.0		11	2,863	216.665		329,558
1846	212,466	130,8		343,2				***		
12497	136,107	95-7	25	230,8			4.554	130.857		
1/1/2	155 277	11515	125	311.7			8.247	130.857		225,411
1000	364 14%	144.4	24	448.5	72	15	5.895	137,400		293,404
2900	337.055	146.8		487.9	18	14	8.564	158.160		306.724
11/12	41. 113	17/2/3		648.7			8,112	168,648		326.760
194	623 246	243.5		857 0	40		8.684	206.577		375,261
2505	724 924	301.5	25	1,025,4			1,208	323.591 334.943		508,204
11/18.	1.4.40	336.2		1,100,7	35	21	4.660	282,068		496,737
149	1943 1919	355.3		1,285 3		23	4,893	344.989		560.882
11/12	916,912	275.5	15/3	782,8			6.781	637.905		874.686
1909	935,638	231,5	117	751,7			6.040	341,652		586,452 723.018
1911	570,057	308		878,5			5,071	431,616		867,687
1912	6,014,1413	308,1	142	838,1	72	45	3.699	505.483		959.182
1913	Bolt 144	389 ;		1,197,8	92	50	9,278	450,348		959,626
1914	187 121	130.0	773	326,7			73,413	303,338		1.002,602
1915	1 107,000	1 139.			00			1384,174		556.586
	TABL	8 II. B		OF A	LIEN	1 Alic		N, 1910-1	915.	
		SEARIN				FEMALES		N		
Since .				lance				Balso		Balance fit:
	Ineasd	Outresi	In	march 1	lnw	ard.	Outward	Inwa		
						305.532 47.594				
1910	245,038	154,842		1,196	305.	532	47.594	357-9	38	839,134
1911	570,057	238,022	331	1,135	308.	530	56.744	351.7	86	582.921
1911	570,057	238,922	331	1,135	308,	530	55.744	352.7	86	583.921
1913 1913	570,057 589,931 868,144	238,922 275,666 251,868	331 254 550	1,135 1,265 5,336	308, 308, 389	530 241 748	56.744 57.292 56,38a	250.9 333.3	86 149 166	583.921 505.214 889.703
1911	570,057	238,922	331 255 550	1,135	308,	530 241 748 733	55.744	351.7 250.9 333.3 358.6	86 49 66 103	583.921
1911 1913 1914	570,057 520,931 865,144 298,747	238,922 275,666 251,868 242,268	331 254 556 556	4,865 6,336	308, 308, 389 419, 139,	530 241 748 733 679	56,744 57,292 56,382 61,130	351.7 250.5 333.3 358.6 103,6	86 49 66 103	583.921 505.214 889.703 915.142
1915 1913 1918 1918	576.057 526,931 865.144 758.747 187,031	238,922 275,666 251,868 242,268 168,072 TABLE	331 254 550 550 18	4,265 6,336 6,539 8,949	308, 308, 389 419, 139,	530 241 748 733 679	56,744 57,292 56,382 61,130 36,002	251.7 250.5 333.3 358.6 103.6 ANTS.	86 49 66 io3	583,921 505,214 889,703 915,142 122,626
1915 1913 1918 1918	570,057 520,931 865,144 298,747	238,922 275,666 251,868 242,268 168,072	331 254 556 556	4,265 6,336 6,539 8,949	308, 308, 389 419, 139,	530 241 748 733 679	56.744 57.292 56,382 61,130 36,002	351.7 250.5 333.3 358.6 103,6	86 49 66 103	582,921 505,214 889,702 915,142 122,626
1921 1928 1913 1914 1915	570.057 620.931 805.144 798.747 187,033	238,922 275,666 251,868 242,268 168,072 TABLE Vegi 1943	331 254 555 557 111. N Vent 1944.	1,135 4,265 5,336 5,539 8,949 ATION I	308, 308, 389, 419, 139, 11111	530 241 748 733 679 7 OF	56.744 57.292 56,382 61,130 36,002 1MMIGR	#51.7 250.6 333.3 358.6 103.6 ANTS.	86 149 166 163 777 Year 1914	582,921 505,214 889,702 915,142 122,626
1911 1918 1913 1914 1915	570,057 830,931 805,144 798,747 187,031	238,922 275,646 251,868 242,266 163,072 TABLE Vegi 1913 6,634	331 354 555 556 11 111. N Year 1944. 8,447	1,135 4,265 5,336 5,336 5,539 8,949 ATION 1 Vent 1915	308, 308, 389 419, 139, LITY	530 241 748 733 679 7 OF	56.744 57.292 56,382 61,130 36,003 IMMIGR	251.7 250.6 3333.3 358.6 103.6 ANTS. Vear 1913.	86 149 166 163 777 Year 1914	582,921 505,214 889,702 915,142 122,626
rgrt rgrs rgrs rgrs rgrs rgrs	576,057 \$25,931 \$25,134 298,747 187,033 or Feople. (Black)	238,922 275,646 251,868 242,266 168,072 TABLE Veni 1913 6,634 9,383	331 354 556 556 11 111. N Vent 1924. 8,447 7,785	1,135 4,265 5,336 5,539 8,949 ATION I Vent 1915. 5,660	308, 308, 389, 419, 139, MLITY	530 241 748 733 679 7 OF tace of	56.744 57.292 56.382 61.130 36.003 IMMIOR	251.7 250.5 333.3 358.6 103.6 ANTS. Vest 1913	86 49 66 63 77 Year 1914 31.5 44.5	582,921 505,214 889,702 915,142 122,626
rgrt rgrs rgrs rgrs rgrs rgrs rgrs rgrs	570.057 825.938 825.144 298.747 187,038 or Femple. (Black)	238,922 275,646 251,868 242,266 163,072 TABLE Vegi 1913 6,634	331 354 555 556 11 111. N Year 1944. 8,447	1,135 4,265 5,336 5,336 5,539 8,949 ATION 1 Vent 1915	308, 308, 389, 419, 139, ALITY Litt Ma Me Pan	530 241 748 733 679 TOF huania gyar Aican rifle Is	56.744 57.292 56.382 61.130 36.003 1MM1GR	250.7 250.5 333.3 358.6 103.6 ANTS. Vestr 1913. 24.647 30.610	86 149 166 163 177 Year 1914 21.5 44.5 13.0	583.921 505.214 889.702 935.142 122.626 Vear 1915. 84 2.636 3.608 3.608
Itace African Armeni Bohemi Indgari	576.057 530.931 2.5. 144 798.747 187.031 or People. (Black) an Moravian an, Servian, an, Servian,	238,922 275,666 251,868 242,268 242,268 263,672 TABLE Vegi 1913 6,634 9,383 11,091	331 254 550 550 11 111. N Vent 1944. 8,447 7,785 9,928 15,084	ATION I Vent 1915. 5,660 932 1,651	308, 308, 389, 419, 139, ALITY Litt Ma Me Pan Poil	530 241 748 733 679 TOF huania gyar Alcan cifle Is	56.744 57.292 56.38a 61.230 36.002 IMMIGR People.	251.7 250.5 333.3 358.6 103.6 103.6 103.6 24.647 30,610 10,954	86 149 166 103 177 Yenr 1914 21.5 13.0	58.921 505.214 889.702 915.142 122.626 Vear 121.636 2.636 3.604 3.004
Itare African Armeni Bohemi Bulgari Munt	576,657 526,931 26,744 798,747 187,031 or People. (Black) an an, Moravian an, Moravian an, Moravian	238,922 275,666 251,868 242,268 168,072 TABLE Veni 1943 6,634 9,333 11,091 9,087 8,038	331 254 555 555 557 1111. N Vent 1944. 8,447 7,785 9,988 15,084 2,354	1.135 4.265 5.336 5.539 8.949 ATION I Vent 1915. 5,660 932 1.651	308, 308, 389, 419, 139, 141TY	530 a41 748 733 679 7 OF huanis gyar Aican ciffe Is jish	56.744 57.292 56,382 61.135 36,003 1MMIGR People.	#51.7 #50.5 333.3 358.6 103.6 ANTS. Vear 1913 24.647 30,610 10,954 11 174.365 12,556	86 149 106 103 177 Year 1914 21.5 44.5 13.0	583.921 505.214 889.702 915.147 122.626 Vent 1915. 184 2.636 3.604 10.995 1 9.066
1911 1913 1914 1915 Itare African Armeni Isohemi Inigari Mont	576-557 \$28,931 \$28,144 782,747 187,033 or Iranjia. (Black)	238,922 275,666 251,868 242,268 168,072 TABLE Year 1913 6,634 9,383 11,091 9,087 8,038 42,459	331 254 556 1 556 11 111. N Vent 1944. 8,447 7,785 9,928 15,084 3,354 37,284	1.135 4.265 5.336 5.539 8.949 ATION 1 Vesar 1915. 5,660 932 1.051 3.506 8.469 2.469	308, 308, 389, 419, 139, LITY Ma Ma Pai Poi Ru	530 a41 748 733 679 7 OF huanis gyar Aican iille Is jish rtugue manla	56.744 57.292 56.38a 62.330 36.002 IMMIGR People.	#51.7 #50.5 333.3 358.6 103.6 ANTS. View 1923 24.647 30.610 10.954 111 174.365 13.556	86 149 166 166 163 177 1914 21.5 13.0 123.6 9.6 24.0	58. 921 505. 214 889. 702 915. 142 122. 626 1 Veur 1945 184 2. 636 10. 937 1 10. 626 1 10
Iger 1913 1914 1915 Itare African Arment Bollemi Mond Chinese Croatia Australia	576.657 \$25,931 \$65.144 265.747 187,031 or People. (Black)	238,922 275,666 251,868 242,268 168,072 TABLE Veni 1943 6,634 9,333 11,091 9,087 8,038	331 254 555 555 557 1111. N Vent 1944. 8,447 7,785 9,988 15,084 2,354	1.135 4.265 5.336 5.539 8.949 ATION I Vent 1915. 5,660 932 1.651	308, 308, 389, 419, 139, ALITY Lit Ma Me Pac Poi Ru Ru Ru	530 241 748 733 679 7 OF huanis gyar Aican rifle Is jish rtugue manla ssian thenia	56.744 57.292 56.388 61.135 36.003 1MMIGR People.	#51.7 #50.5 333.3 358.6 103.6 ANTS. Veent 1913 - 24.647 30.610 10.954 - 174.365 13.556 13.451 51.472	86 149 106 103 177 Year 1914 21.5 44.5 13.0	58. 921 505. 214 889. 702 915. 142 122. 626 1 Veur 1945 184 2. 636 10. 937 1 10. 626 1 10
1921 1933 1944 1945 African Armeni Bohemi Bolgari Mond Chinese Cosatia Custan Dalmat	576.557 \$25,931 \$65,144 267.447 187,031 or People. (Black)	238,922 275,666 251,866 242,268 168,077 TABLE Vent 1943 6,634 9,383 11,091 9,087 9,028 42,499 3,099	331 254 556 1 556 11 111. N Vent 1944. 8,447 7,785 9,928 15,084 3,354 37,284	1.135 4.265 5.336 6.539 8.949 ATION Venat 1915 5.660 932 1.651 3.566 2.469 3.403	Jos. 308, 389, 419, 139, LITY Man Mee Pool Ru Ru Ru Ru	530 241 748 748 7679 TOF huania gyar vican vitte Is jish rtugue mania ssian thenin nink)	56.744 57.202 56.384 61.130 36.003 IMMIGR People. Button (Rus	#51.7 #50.5 333.3 358.6 103.6 103.6 101.0 10.954 111.1 174.365 13.550 13.451 13.451 13.451	86 149 166 166 163 177 1914 21.5 13.0 123.6 9.6 24.0	58. 921 505. 214 889. 702 915.142 122. 626 1925. 84 2. 636 3. 636 89 10, 992 157 9. 066 157 9. 066 157 9. 066 157 4. 396 157 4. 437
1921 1933 1934 1944 1955 Rece African Armeni Bohemi Bohemi Chinese Crosstia Cuban Dalmat Herz Dutch,	570-57 \$20,931 \$25,144 787,447 187,031 or People. (Biack)	238,922 275,666 242,268 168,072 TABLE Veri 1943 6,634 9,383 11,001 9,087 3,023 42,459 3,023 42,459 4,520	331 354 555 1 556 1111. N Vint 1944. 8,447 7,785 9,988 15,084 9,354 3,7,284 3,539 5,149 1a,566	1.135 1.255 1.326 5.339 6.539 8.949 ATIONA Venat 1915 5.660 9.32 1.651 3.506 1.942 3.402	Jos. 308, 389, 139, 139, 139, 1417 Litt Ma Me Phase Phase Ru Ru Ru Ru Sea, Sea	530 241 748 733 679 7 OF Lace of huania gyar Arean rifle Is iish rtugue manla ssian thenia mink) unlina	56.744 57.202 56.384 61.130 36.002 1MMIOR People an lander 80	251.7 250.5 333.3 356.6 103,6 ANTS. Vent 1913 - 24.647 30,610 10,954 11 174.365 13,451 51,355 13,451 51,355 38,737	86 149 166 166 163 177 1914 21.5 13.6 24.5 24.5 24.5 24.5 24.5 36.5 36.5	582.021 505.214 889.702 915.147 122.026 1 Venr 1915. 184 2.036 136.363 10.993
1921 1933 1944 1975 Race African Armeni Bohemi Inigari Mont Chinese Crossia Cutom Dulmal Horz Dutch, Last in	Spreedy and the spreedy and th	238,922 275,866 242,366 163,072 TABLE Veni 1943 6,624 0,333 11,001 9,087 8,038 42,459 3,099 4,510 14,567	331 254 555 555 518 511 N Vint. 1944 8,447 7,785 9,985 15,084 3,7,884 3,7,884 3,539 5,149 12,562	1.135 1.255 1.336 1.336 1.539 1.549 1.541	Jos. 308, 388, 308, 389, 419, 139, ALITY	530 241 748 733 679 7 OF tace of huania gyar Aican cifle Is jish rtugue mania mink) nink)	56,744 57,202 56,382 56,383 62,132 36,003 1MMIOR People. Bander 80 B Russer (Russylan	#51.7 #51.7 #50.5 #5	86 149 156 156 156 157 177 1916 21.5 13.0 122.6 9.6 24.0 44.5 36.1 18.6	582.021 505.214 889.702 915.142 122.626 1 Year 1925. 84 2.636 3.600 85 10,092 10,052
1911 1913 1914 1915 Race African Armen Bohemi Bohemi Gilnese Cosalia Cuttan Dalmat Luttan Dutch, Laet h Langibal	Specify \$20,931 \$25,144 \$28,147 \$187,031 or People. (Black)	238.922 275.662 251.862 242.265 163.077 TABLE Vent 1913 6,634 9,383 11,091 9,087 8,623 42,459 3,093 14,507 183 55,523	333 354 555 1555 1111. N Vent 1944. 8,447 7,785 9,928 15,084 2,354 3,354 3,356 172 51,476	1.135 4.865 5.336 5.339 8.949 ATION / Venat 1915 5.660 932 1.651 3.506 8.469 1.949 3.403 6.675 82 38.665	Jos. 308, 389, 389, 139, 139, 129, 129, 129, 129, 129, 129, 129, 12	530 241 748 733 679 7 OF huanis gyar Arcan rifle Is jish rtugue manla ssian themin nink) undina ots	56,744 57,202 56,382 61,130 36,002 11MMIGR People hander 10 10 11 11 11 11 11 11 11 11 11 11 11	#51.7 #50.0, 333.3 #5.6 103,6 103,6 103,6 103,6 103,6 10,9 10,9 11,1 174,1 10,1 11,4 11,4 11,4 11,4 11,4 11,4 1	86 149 156 156 156 157 177 1914 1914 1914 1914 1914 1914 1914	58a, par 505, arid 889, pos 915, 14a 7 Vest 1 Vest 1 1915 88 2, 688 93, 388 93, 388 94, 488 94, 488 94, 488 95, 96, 96 96, 97 1, 200 1,
1921 1943 1944 1945 Insce African Arment Bohemi Bulgari Monal Clinese Croatia Cusan Dalmati Herz Dutchi, Last b Lughd Linntel	Specify \$20,931 \$2.57,144 \$257,142 \$187,031 or People. (Black) an an, Servian	738,922 73,666 242,266 242,266 163,072 TABLE Vent 1943 6,634 9,383 11,091 9,087 8,633 42,499 3,099 4,520 14,597 183 55,522	331 254 555 555 518 511 N Vint. 1944 8,447 7,785 9,985 15,084 3,7,884 3,7,884 3,539 5,149 12,562	1,35 1,35 1,336 5,339 8,949 4 7015 5,660 9,32 1,651 3,469 3,469 3,469 3,665 3,866 3,469	Jos. 308, 389, 419, 139, 1417 Y. Litt Man Man Paol Pool Ru Ru Ru Ru See See See See See See See See See Se	530 241 748 733 679 7 OF huanis gyar Arcan rifle Is jish rtugue manla ssian themin nink) undina ots	56,744 57,202 56,382 56,383 62,132 36,003 1MMIOR People. Bander 80 B Russer (Russylan	#51.7 #50.0 333.3 335.8 #103.6 #103.6 #103.6 #10.9 #10	86 149 166 166 166 166 166 166 166 166 166 16	58a, gar 50s, and 86g, gar 50s, and 86g, gar 50s, and 86g, gar 71za, 6a6 **Tweat 11za, 6a6 **Veat 11
1911 1913 1914 1915 Ilisee African Armeni Bohemi Bolgari Mont Chinese Crosatia Lustan Dalmai Herz Dutchi, Last b Lugdid Limitel French Gorman	Spro.557 Sab.,931 Sab.,931 Sab.,931 Sab.,931 Sab.,931 Sab.,941 Sab.,942 Sab.,942 Sab.,943 Sab	238.932 275.662 421.868 422.266 153.977 TABLE Veni 1913 6,634 6,634 6,333 11.091 9,087 8,033 42.409 4.509 14.507 183 55.522 12.255 20.658 80.895	333, 254, 255, 155, 255, 155, 255, 255, 255, 255	1,135 4,265 5,336 5,339 8,949 ATION Vent 1915 5,660 9,32 1,651 3,402 3,402 6,675 83 38,665 3,472 12,636	Jos. Jos. Jos. Jos. Jos. Jos. Jos. Jos.	530 241 748 733 679 The or huanis gyar Alean eifte Is iish rtugue manis ssian themin nink) tudina bls vak anish anish anish cian	56,744 57,292 56,38a 61,13c 36,002 11MMIOR People. http://doi.org/10.1002 11MMIOR Respective to the second to the	#51.7 #50.0 333.3 335.8 #103.6 #103.6 #103.6 #10.9 #10	Year 1916 21.5 44.5 13.0 122.6 9.6 24.0 24.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	58a, par 505, arid 880, 70a 915, 144 122, 626 1 1935 1 193
Ince African Armeni Bohemi Bolemi Bolemi Bolemi Bolemi Sines Cosalia Cutom Dalmat Horsz Dutch, Lact ir Lingibal Linnisi French Oreman Greeke.	200-92 \$26,913 26,144 \$26,144 \$26,747 \$87,032 or Pesple. (Black)	238, 922 275,662 251,868 242,266 163,071 TABLE Vent 1913 6,634 0,333 11,091 9,087 8,023 42,499 3,093 4,510 14,507 15,523 12,755 20,652 80,895 98,644	333 334 354 355 355 355 355 355 355 355	1,135 4,265 9,336 6,539 ATION I Vent 1915 5,660 9,32 1,651 3,306 8,469 1,948 3,409 1,948 3,409 1,948 3,409 1,948 3,409 1,948 3,409 1,948 3,409 1,948 1	Jos. Jos. Jos. Jos. Jos. Jos. Jos. Jos.	530 241 748 733 679 7 OF Cace of huania gyar Arean ritugue mania ssian thenia niak) tudina tudina tudina tudina tudina tudina tudina rikish	56.744 57.202 56.383 61.13c 36.003 IMMIOR People. BL. Bander B. B. CRUSSER B.	#\$1.7 #\$0.9 #\$1.7 #\$0.9 #\$1.33.3 #\$1.8 #\$1.33.6 #\$1.33.6 #\$1.33.6 #\$1.33.6 #\$1.34.6 #\$1.34.5	149 156 156 156 156 156 156 156 156 156 156	58a, par 505, ari 860, poa 915, 147 172, 626 11925 119
Ifore African Armeni Bohemi Bo	2000-92 \$20,931 20,7,144 \$25,744 \$25,749 \$10,000 \$6 People \$6 Bervint, an Anna Morastan an, Servint, and Anna Morastan an, Servint, \$7 Borothan \$7 Borothan \$7 Borothan \$7 Borothan	23/8,922 275,868 251,868 242,266 163,977 TABLE Vent 1943 6,634 0,333 11,091 9,087 8,023 42,459 3,099 4,500 14,507 183 20,698 80,898 80,898 80,694 101,330 181,013 101,013	333 334 324 325 325 325 325 325 325 325 325 325 325	1.135 4.405 5.336 5.336 5.339 ATION / Vesar 1015 5.660 9.32 1.651 3.506 9.469	308, 308, 308, 308, 389, 419, 339, 319, 319, 319, 319, 319, 319, 3	530 241 748 271 748 7733 679 7 OF tare of thusnii gyar Arean ritle is ssian thenia nink) nunlina sts auish	56.744 57.202 56.380 66.1323 36.000 1MMIOR People hh	#\$1.7 #\$0.9 #\$1.7 #\$0.9 #\$1.33.3 #\$5.8 #\$1.03,6 #\$1.03,6 #\$1.03,6 #\$1.03,6 #\$1.05,6	149 156 156 156 156 156 156 156 156 156 156	58a, par 1 505, and 8 60, pos 1 505, and 8 60, pos 1 515, 147 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Inc. African Armeni Bohemi Bolemi Bolemi Monal Chinese Cosalia Custan Dalmat Horzz Putch, Last ir Luglid Linniel French Orrman Greeks Hebrev	200-051 400-931 5.6. 144 208-747 187,031 or Desple. (Black)	238, 932 275, 662 351, 862 342, 262 162, 277 TABLE Vent 1943 6, 634 0, 333 11, 101 9, 187 3, 023 42, 439 14, 597 183 55, 532 12, 756 80, 895 38, 644 101, 133 101, 101 101, 101 101 101, 101 101 101 101 101 101 101 101 101 101	3334 344 354 355 357 358 358 358 37.785 9.988 15,084 3.354 37.384 3.354 3.356 18,166 70.771 48.884 3.354 3.356 18,166 70.771 48.884 3.356 3	1,135 4,185 5,336 5,339 5,949 ATION Vest 1915 5,660 932 1,942 3,402 1,942 3,402 1,943 3,402 1,943 3,402 1,943 3,402 1,943 3,402 1,943 1,945 1,94	308, 308, 308, 308, 308, 308, 308, 308,	530 241 748 2733 679 7 OF Aureo of OF Aure	56.744 57.202 56.383 66.133 36.003 1MMIOR People Anterior Bander	#\$1.7 #\$0.9 \$33.3 \$38.8 \$103,6 \$103,6 \$103,6 \$103,6 \$103,6 \$10,0 \$11 \$174.365 \$13,650 \$13,651 \$13	Years 1914 445 445 445 445 445 445 445 445 445 4	58a, par 505, ark 88g, you 915, 14a 12a, 6a6 1 Veer 1915 1915 1915 1915 1915 1915 1915 191
African African African African Bohemi Mond Ginese Coatla Uton Horz Dutch, Lact h Lagdd I muse French Genea Greek. Horz Labban Horz Mond Horz Horz Horz Horz Horz Horz Horz Horz	200-97 200-93 200-93 201-94 201-94 107-23 108-94	278, 9a2 275, 6a2 275, 6a6 242, 262 162, 077 TABLE Veni 1913 6, 634 9, 283 11, 091 4, 520 14, 520 14, 520 14, 520 55, 5a2 14, 755 20, 563 8, 835 28, 835 28, 835 28, 834 101, 333 37, 643	333 333 343 555 1 556 1 556 1 111. N Vint. 1944. 8,447 7,785 9,254 3	1.135 4.486 5.336 6.539 ATION / Vent 1915 5,660 932 1.651 3.460 3.460 3.460 3.463 3.463 3.463 3.463 3.472 12.633 20.735 12.635 1	308, 308, 308, 308, 308, 308, 308, 308,	539 241 748 778 778 778 778 779 7 OF tare of thuania gyar vican vi	56.744 57.2a2 56.38a 66.13a3 36.00a 1MMIOR People hh	#\$1.7 #\$0.9 \$33.3 \$35.6 \$103,6 \$1	Yen; 1944 1956 1977 1944 13.0 122.6 19.6 125.6 126.6 1	582,921 505,224 889,702 915,142 122,626 1 Veur 125,626 1 Veur 125
Interest of the control of the contr	200-051 400-931 5.6. 144 208-747 187,031 or Desple. (Black)	238,932 275,664 275,866 243,266 163,072 TABLE Veni 1943 6,634 0,333 11,091 9,087 8,033 42,499 4,502 14,507 183 55,533 14,756 20,653 80,855 80,855 80,855 80,855 80,855 80,855 80,855 80,855 80,455 80,	3334 344 354 355 357 358 358 358 37.785 9.988 15,084 3.354 37.384 3.354 3.356 18,166 70.771 48.884 3.354 3.356 18,166 70.771 48.884 3.356 3	1,135 4,185 5,336 5,339 5,949 ATION Vest 1915 5,660 932 1,942 3,402 1,942 3,402 1,943 3,402 1,943 3,402 1,943 3,402 1,943 3,402 1,943 1,945 1,94	308, 308, 308, 308, 308, 308, 308, 308,	530 241 748 778 778 779 7 OF Stare of OF S	S6.744 S7.202 S6.363 G6.133 36.003 IMMIOR People D IMMIOR R IMMIOR American	#\$1.7 #\$0.9 \$33.3 \$35.6 \$103,6 \$1	Years 1944 149 149 149 149 149 149 149 149 14	58a, pari 505, and 88g, pari 505, pari 5

DEATHS BY PRINCIPAL CAUSES, REGISTRATION AREA.

•		Annual	Average.		rgs	ш	191	19.	19	13.		
Cause of Death.	1901-	1905.	1906	1910.	Acts	sal.	Acta	ial.	Act	ual,		
	Number.	Per 100,000.	Number.	Per 100,000.	Number.	Per 100,000.	Number.	Per 100,000.	Number.	Per 100,000.		
Typhoid fever	10,458	32'0	12,120	25'6	12,451	21'0	9.987	16.<	11,323	17'9		
Malaria Smallpox	1,568	4'8	1,206	26	1,802	3.0	1,848	3,1	1,565	2'5		
Measles	1,119	3'4	108	. 0'2	130	0'2	165	.3	125	0.3		
Scarlet fever	2,951 3,608	9.0	5,092	10.8	5,922	10'0	4,240	7'0	8,708	128		
Whooping cough		11.0	5,030	10.0	5,243	8.8	4,038	167	5,498	8.7		
Diphtheria & croup	3.57 ² 9.674	20.0	5,440	11.2	6,682	11.3	5,619	9,3	6,332	10.0		
Influenza		19'9	7,760	16'4	11,174	18.0	11,013	18.3	11,920	18.8		
Other epidemic	3		7,700	10 4	9,294	15.7	6,237	10,3	7,725	13'2		
diseases	4.924	15,1	5,724	13.0	6,133	10.3	5,426	9.0	6,382	10,1.		
Other forms of	55,809	170'7	69,436	146'8	81,796	138.0	78,465	129'8	80,812	127.7		
tuberculosis Cancer and other		51,0	10,356	21.0	12,409	20.8	11,895	19,4	12,609	19'9		
malignant tumors Diabetes	32,214	67'9	34,320	72.6	44,024	74'3	46,53x	77`0	49,928	78.9		
Diseases of the	3:772	11.2	. 6,494	13.7	8,805	14.9	9,045	15.0	9,660	15'3		
nervous system and of the organs of special sense	58,890	180'1	72,470	153'2	81,428	±37 ⁻ 4	82,248	136.1	84,755	133'9		
Diseases of the cir- culatory system.	} 5z,696	161.5	84,040	177'7	109,830	185'3	115,007	190,3	117,645	185'9		
Diseases of the res- piratory system .	} 72,09I	220'5	88,976	188.1	.99,650	168.1	100,210	165'8	103,979	164'3		
Diseases of the di- gestive system	63,834	195'2	91,377	193'2	98,600	166,3	95:599	158.2	103,276	163'2		
Non-venereal di- seases of the genito - urinary system & annexa	37,584	114'9	54,171	114'5	67,348	113.6	72,059	119,3	75,253	218'9		
External causes : Suicide	4.548	13'9	7,584	16.0	9,622	16'2	9,656	16.0	9,988			
Accidental or un-										15.8		
defined	27,753	84.0	40,702	86.0	50,121	84.6	49,775	B2'4	54,011	85'3		
All other causes	950 77,940	2'9 238'4	2,771 99,180	5'9 209'8	3,907	6.6	3,954 115,234	6'5	4,567	7'2		
Total	529,630	1,619.7	714,933	1,511'5	839,284		838,251		890,848	-		

MARRIAGE AND DIVORCE IN UNITED STATES

MAKK	IAGE	AND	DIVO	RCE	IN UN	NITED	STA	TES.
	MARI	UAGES.			Dive	BCES.		
Year.	Number. Increase		Number.	Increase	Granted to Husband.		Granted to Wife.	
		preceding year.		preceding -year.	Number.	Per cent.	Number.	Per cent.
1897	650,610 685,284 716,621	8,477 3,395 24,955 34,674 31,337 30,112 39,399 4,987 23,642	44,699 47,849 51,437 55,751 60,984 61,480 64,925 66,199 67,076	1,762 3,150 3,588 4,314 5,233 496 3,445 1,274 2,777	14,765 15,988 16,925 18,620 20,008 20,056 21,321 22,189	33'0 33'4 32'9 33'4 32'8 32'6 32'8 33'5 32'7	29,934 31,861 34,512 37,131 40,976 41,424 43,604 44,010 45,756	67°0 66°6 67°2 66°6 67°2 67°2 67°2 66°5 67°3

DEATH RATE PER 1000, REGISTRATION STATES.

	Annual			rer 1,000.		1 ct 1,000.			A 01 2,0001	
. State.	Ave	rage.		1910.			EGII.		zĝza.	1913.
	1901-	1906-	Cities.	Rural Districts.	State.	Cities.	Rural Districts.	State.	State.	State.
California Colorada Colorada Colorada Colorada Colorada Colorada District of Columbia Indiana Maire Maire Maire Minesota Minesota Missouri Missouri New Hamphire New Jeney New York Penneyvania Ohio Penneyvania South Dakota Utah	15.7 20.5 13.2 15.9 16.6 13.3 		14.6 15.7 15.9 19.6 15.2 16.0 15.5 16.1 17.5 16.1 17.5 16.1 17.5 16.2 20.5 16.9 17.2 17.2 17.2	Districts. 12'3 12'6 15'0 18'7 16'1 13'3 10'1 13'3 10'1 13'3 10'1 13'3 10'1 14'3 11'3 11'3 11'3 11'3 11'3 11'3 11	13.5 13.8 15.6 13.5 16.0 16.1 14.1 10.9 15.5 16.1 18.7 15.6 17.1 18.7 15.6 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 18.5 16.0 17.1 17.1 17.1 17.1 17.1 17.1 17.1 17	14'7 15'1 15'6 18'7 14'0 16'9 18'4 18'5 15'3 14'1 11'5 15'2 14'5 17'8 15'5 20'8 14'1 15'5 15'5 15'6	Districts. 12'4 11'7 15'1 12'4 13'5 15'5 12'7 16'5 12'7 16'5 13'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7 15'8 16'5 12'7	13.7 12.9 15.4 15.8 15.3 13.2 16.3 15.8 15.3 17.1 14.7 15.5 18.3 13.1 14.7 15.8 15.8 15.8 15.8 15.8 15.8 15.8 15.8	14'2 11'6 14'9 18'3 13'0 12'9 15'5 15'0 13'4 9'5 16'4 14'1 15'0 17'3 13'4 14'0 15'2	14'5 15'0 17'3 18'3 16'2 15'0 13'9 10'4 12'0 16'8 14'6 15'0 1
Washington Wisconsin			13.6	3.1	10,0	9.8	8.3	8.9	11.3	13.9
Total average	15'9	15.0	15.9	13.4	14.7	12.1	12.7	13.0	13.6	13.0

DIVORCES GRANTED IN UNITED STATES.

as a sailing as	Granted to	Husband.	Granted	to Wife.		81.
Number of Years Married.	Number.	Per Cent:	Number.	Per Cent.	Number.	Per Cent.
Less than I Year	6.684	2'3	12,192	2'0	x8,876	2°1
r year	91074	3.1	18,689	3°1	27,763	3.1
2 Years	19.57%	.6'6	41,910	6'9	61,481	6-8
3 years	24,033	8.1	49,019	8'1	73,052	8.1
4 years	24,438	8.3	49,475	8.2	73,913	8.3
g years	22,942	77	45,828	7.6	68,770	7.6
6 years	21,142	7.2	41,524	6.9	62,666	7.0
7 years	18,947	6'4	37:470	6.3	56,417	6.3
8 years	17,059	57	33,595	5.6	50,654	5.6
q years	14,659	4'9	29,738	4'9	44,397	4.9
10 years	13.631	4.6	27,099	4'5	40,730	4'5
II years	12,081	4"2	24,288	4.0	36,369	4:0
12 years	10,521	3'5	21,450	3.6	31,971	3.6
13 years	0,230	3.1	19,030	3'2	28,260	3.1
14 Years	8,210	2.8	16,867	a.8	25,077	2.8
15 Years	7,376	2'5	15,603	2.6	22,979	2'6
16 years	6,393	2'1	13,68z	2.3	20,025	3'2
17 Years	5,742	1.0	12,159	2'0	17,901	2'0
18 years	5,125	1.2	20,893	1.8	16,018	1.8
10 years	4,446	1.2	9,807	. 2.6	14,253	1.6
20 Vears	4.35I	1'5	9,513	x-6	13,864	115
SI YEARS	3,805	x.3	8,336	I'4	12,141	1.3
zz years	3,318	1.1	7,171	1'2	10,489	1.3
23 Years	2,013	1.0	6,575	2,2	9,488	1.1
34 Years	2,644	0.0	5,952	1'0	8,596	1.0
25 years and over	19,120	6.4	35,314	5.9	54,434	. 6.0
Total	207.455	100.0	603,120	100.0	900,584	200'0

DEATHS BY SEX AND AGE, REGISTRATION AREA.

		Annual	Averages.		. 19	12 %	29	10,	Actual,	
Sex and Age.	1901-	1905.	1906-	1910,	Acta	al	Act	naL		
	Number.	Per 1000,	Number.	Per 1000,	Number.	Per 1000.	Number.	Per 1000,	Number.	Per 1000.
Male		536'a	389,625	545*0	457,308	544'9	450,112	547.7	489,128	549'1
Female		463.8	325,307	455.0	38x,976	455 I	379,139	452'3	401,720	450 0
Under z year		189.3	139,015	194'4	149,322	177'9	147,455	175.0	159,435	179'0
r year	22,325	43'2	29,523	41'3	31,362	37 4	29,713	35'4	33,917	38'x
z years	10,005	18.0	12,802	17'9	13,580	16.5	13,189	15'7	15,364	17'2
3 ,,	6,350	13.0	7,897	II.0	8,928	10.6	8,240	9.8	- 9,498	10.3
- 17	4,737	8.0	5,657	7'9	6,290	7.5	6,042	7,3	6,915	7.8
Under 5 years	143,684	271.3	194,897	272.6	209,432	249'6	204,639	244'Y	225,129	252'7
	13,679	25.8	10,808	22.2	18,112	21.6	17,274	20.6	20,214	22.7
	8,703	27'4	18,468	15'1	12,337	14.7	11,436	13.6	12,823	14'4
	22,246	43.0	27,867	30.0	32,306	38.2	20,343	24'3	21,742	24'4
	24,439	46.1	20.831	41.2	34,249	40.8	30,997 33,762	37.0	32,711	36.3
30 to 34	24.160	45.6	30,074	42.1	34,416	41.0	33,702	40.3	35,492	39.5
35 to 39 ,	25,332	47.8	32,690	45'7	38,570	46'0	37,916	45'2	39,711	44.6
10 to 44	24.743	46.2	31,708	44'4	37,522	44.2	37,88=	45.3	40,130	45
5 to 49 ,,	24,068	45'4	33,626	47.0	39,457	47'0	30,624	47'3	42,028	47 3
o to 54 ,,	25,706	48.5	33,258	49'3	44,130	52.6	45,496	54.3	47,804	53
55 to 59 ,,	26,081	49"2	35,735	50.0	44,023	52'5	45,732	54.6	47,961	53.8
io to 64 ,,	29,474	55'7	40,664	56.9	49,651	59'2	51,097	61.0	52,990	59'5
55 to 69 ,,	30,382	57 4	43,665	er.r	54,306	64.7	55,492	66.5	57,413	64'
o to 74 ,,	30,124	56.9	43,262	60.2	54,898	65'4	55,650	66.4	58,413	65'6
5 to 79 ,,	26,420	49'9	38,968	54'5	49,019	58.4	50,772	60.6	51.998	58.4
lo to 84 ,,	19,446	36.4	28,215	39`5	36,108	43.0	36,678	43.B	38,011	42'
15 to 89 ,,	9,962	19.9	15,354	21.2	19,564	8.1 23.3	19,559	23'3	20,281	33.
	3,522		5,094	7.1	6,761	1.8	7,082	8.4	7,096	8:
oo years and over					1,518		I,493		1,568	E 1
Joknown	1.801	3'4	1.106	1.2	1,206	0.2	458	0.2	462	0
	2,001	3 4		- 2	-,290	5	1,123	1,3	1,475	X.,
Aggregate	F20 620	1000.0	714-933	1000'0	830,284	rees's	838,251		800.848	

POPULATION, DEATHS, AND DEATH RATE.

For Registration Area, and the Original Registration States.

	R	egistration Area.		Original Registration States.					
Year.	Population.	, m Dea			. Des	Deaths.			
	Population.	Number:	Rate per z,000.	Population.	Number.	Rate per			
1900	30,765,618	539,939	17.6	19,960,742	343.917	17.3			
IQUI	31,370,05z	518,207	16.4	20,307,043	332,203	16.4			
1902	32,020,815	508,640	15.0	20,648,941	318,636	15'4			
1903	32,702,083	524,415	16.0	20,990,841	327,295	15.6			
x904	33,345,163	551,354	16.2	21,332,741	349,855	16.4			
1905	34,052,201	545,533	16.0	21,699,043	345,863	15.0			
1906	41,983,419	658,105	15.7	22,218,713	353,906	15'9			
1907	43,016,990	687,034	10.0	22,700,521	366,658	16.8			
1908	46,789,913	691,574	14.8	23,182,330	351,163	15'1			
1909	50,870,518	732,538	14'4	23,664,144	353,576	14'9			
1910	53,843,896	805,412	15'0	24,145,957	377,015	15.6			
1911	59,275,977	839,284	14'3	24,627,761	368,087	14'0			
1912	60,427,133	838,251	13:0	24,959,068	363,619	14.6			
1913	63,208,718	890,848	14'1	25,372,723	372,805	14.3			

NATIVE AND FOREIGN BORN POPULATION, 1900 and 1910.

		NATIVE	Bons.		Foreign Born,				
STATE.	1900,		3910,		1900,		2920.		
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	
Alabama (6)	1,814,105	99"2	2,118,807	99°1	14,592	0.8	19,286	0.0	
Arizona (8)	98,698	80.3	155,589	08.0	14,289	1.1	48,765	23.9	
California(o)	1,117,813		1,791,117	22.3 22.3	367,240	24'7	586,432	24'7	
Arkansas (7). California(9) Colorado (8) Connecticut (x)	448,545	75'3 83'I	1,791,117	83.8	91,155	10.0	329,574	10.8	
Delaware (s)	170,925	73.8	785,182 184,830	QI'4	13,810	77.4	17,492	8.6	
Dist. of Columbia (5)	258,599	3a.2	306,167	92.2	20,119	7'2	24,902	7'5	
Florida (5)	504,710	95'5	711,986 2,593,644		23,832	4.5	40,633	5'4	
Idaho (8)	137,168	99°4 84°8	283,016	99'4	12,403	15'2	15,477 42,578	13.1	
Illinois (3)	3,854,803	79'9	4,433,277	78.6	966,747	30.1	1,205,314	21'4	
Indiana (3)	2,374,341	94'4 86'3	2,541,213 1,951,006	94'I 87'7	305,920	5.6	273,765	2.0	
Delaware (s)	1,343,810	91'4	1,555,499	02'0	126,685	3.7	I35,450	8.0	
Kentucky (6)	2,096,925	97.7	2,249,743	98.8 98.8	50,249	3.8	40,162	1.8	
Maine (r)	601.126	86.6 80.3	1,603,622 631,800	82.1	52,903	13'4	52,766	3'2	
Maryland (5)	1,094,110	92'1	1,190,402	dr.d	93:934	7.9	104,944	8.1	
Massachusetts (1)	1,959,022	69.8	2,307,171	68.2	846,324 541,653	30'2	1,059,245 597,550	31.2	
Minnesota (4)	1,079,329	22.2	1,532,113	23.8	505,318	28.0	543,595	20.3	
Mississippi (6)	1,543,289	99'5	1,787,344	0015	7,981	0.2	9,770	0.2	
Missouri (4)	2,890,286 176,262	93'0	3,063,556 281,340	93.0	216,379 67,067	7.0	229,779	25.8	
		82.4	1,015,552	85.3	177,347	16.6	94,713 176,662	14.8	
Nevada (8)	32,242	76.3	62,184	75'9	10,093	23.8	19,691	24'I	
New Hampshire (1)	323,481	78.6 77.1	333,9°5 1,876,379	77.5	88,107 431,884	21'4	96,667 660,788	20.0	
New Mexico (8)	181,685	93.0	304,155	02.0	13,625	2.0	23,148	7'x	
New York (2)	5,368,469	73.0	6,365,603	69.8	1,900,425	36.1	2,748,011	30.3	
Nevada (8)	1,889,318	99.8	2,200,195 420,402	99'7	4,492	0°2	6,092 156,654	0,3	
Ohio (3)	3,698,811	80.0	4,168,747	87.4	458,734	II.O	598,374	12.6	
Oklahoma (7)	769,853	97'4 84'I	1,616,713 559,689	97.6	20,538	2.6	40,442	16.8	
Popperlyanis (a)	347,788	84'1	6,222,737	83.3	65,748 985,250	15.6	1,442,374	18-8	
Rhode Island (1)	294,037	68.6	363,469	60.0	124,510	31'4	179,141	33.0	
South Carolina (5)	1,334,788	28.0 39.6	1,509,221	99.6	5,528 88,508	0'4	6,179	0.4	
South Darota (4)	2.002.870	30.1	2,166,182	93.4	17,746	0.0	18,607	17.3	
Texas (7)	2,869,353	94'I	3,654,604	.63.8	179,357	5'9	241,938	6.3	
Utah (8)	222,972	80.0	307,529 306,035	82.4	53:777 44:747	13.0	65,82s 49,921	17.6	
Virginia (s)	1.834.723	99.0	2,034,555	98.7	19,461	1.0	27,057	1.3	
Washington (9)	406,739	78.5	2,034,555 885,749	77.6	111,364	21.2	256,241	22'4	
West Virginia (5)	936,349	97'7	1,163,901	95.3	22,451 515,971	24'9	57,218	4.3	
South Carolina (5). South Dakoita (4). Tennessee (6). Texas (7). Utah (8). Vermoni(ty). Virginia (5). Washington (6). West Virginia (5). Wisconsin (2). Wyoming (8).	75,116	81.3 22.1	116,945	80.1	17,415	18.8	29,020	19.9	
New England (1)	4,146,780	74'2	4,727,571	72'1	1,445,237	25.8	1,825,110	27.9	
Middle Atlantic (a)	12,137,119	74°2 78°5 83°6	14,464,719	74'9 83's	3,317,559	16.4	4,851,173	25.X	
West North Central (4)	8,814,175	85.3		86° I	1,533,248	14.8	3,073,766	13.9	
South Atlantic (5)	10,227,450	97.9	11,894,901 8,322,076	97'5	216,030	2.2	299,994 87,825	2.2	
East South Central (6)	7,457,189	98.8	8,322,076	99.0	90,568	1'S	352,192	1.0	
Mountain (8)	1,372,688	95'9 8a'0	2,180,195	83.8	301,969	18.0	453,322 955,809	17'2	
New England (1)	1,872,340	77'5	3,236,495	77'2	544,352	22.2	955,809	23.8	
United States			78,456,380	85.3	10,341,276	13 6	13,515,886	14.7	

DENSITY OF POPULATION, 1900 AND 1910.

State,	Population,	Per 8	quare ile.	Total Families,		ns to a nily,	Total Dwellings,		ns to a lling.
		1900.	1910.	1920.	z900.	zgzo.	zgzo.	1900.	zgzm.
Alabama (6)	2,138,093	35.7	41.2	454.767 47.927	4.8 4.1	4'7	441,249 45,386	5'0	4.8
Arizona (8) Arkansas (7) California (9)	1,574,449	25.0			4'9	4.7	327,625	2.I	4.5
California (9)	2,377,549	9'5	15.3	563,636	4'3	4"2	513,481	4.2	4.6
Colorado (8) Connecticut (1)	799,024 1,114,756	188'5	7'7 231'3	194,467 246,659	4'2	4°1 4°5	183,874	4.2	4'3 6'1
Delaware (5)	802,322	94.0			4.7	4.5	43,183	5.7	4.7
District of Columbia (5)	331,069	4645"3	5517'8	71,339	4'9	4.6	58,5x3	5.6	5.7
Florida (5)	752,619 2,609,121	9.6	13.7	171,422	4'5	4'4	165,818	4.7	4.2
Georgia (5)	325.504	37.7	44°4 3°9	553,264 73,669	4'9	4.4	530,631 71,830	5'I 4'4	4'9
Illinois (3) Indiana (3) Iowa (4) Kausas (4)	325,594 5,638,591	86.1	100.6	1,264,717	4.7	4.2	1,006,848	5'7	5.6
Indiana (3)	3,700,876	70'1		654,891	4'4	4'I	631,554	4.6	4'3
Kenses (4)	2,224,771	40'2			4.6	4'3	498,943 385,67a	4.8	4'5
	2,289,905	53'4	57.0	395,771 494,788	4'9	4.6	460,660	4'7	4.4
Louisiana (7) Maine (z) Maryland (5) Massachusetts (z)	1,656,388	30.4	36°5	344,144	4.8	4.8	331,220	2.I	5.0
Maine (x)	742,371	33.3	24.8		4'3	4.5	159,437	4.2	4.7
Massachusetts (r)	1,295,346 3,366,416	119'5	#30°3	274,824	4.6	4.4	253,805 511,926	5'4	5.1
Michigan (3) Minnesota (4) Mississippi (6) Missouri (4)	2,810,173	42.1	48.0	657.418	4.4	4.3	618,222	4.6	4.2
Minnesota (4)	2,075,708	21.7	38·8	416,452	2.1	2.0	380,809	5'5	5'5
Mississippi (6)	1,797,114	33'5	38.8	384,724	4'9	4.2	376,420	2.0	4.8
Montana (8)	3;293;335 376,053	45°2	47'9	749,812 86,602	4'7	4'4	677,196 82,811	5°2 4'5	4.9
Nebraska (4)	1,192,214	13.9	15'5		4.8	4.5	258,967	2.0	4.5
Nevada (8)	81,875	0'4	0.7	23,677	3.8	3.2	23,044	3.6	3.6
New Hampshire (1)	430,572	45.0	47.7	103,156	412	4.5	88,871	4.8	4.8
New Jersey (2) New Mexico (8)	3,537,167 327,301	250.7	33717	558,202 78,883	4'5	4'5 4'I	407,295 75,888	5'9 4'3	6.3
New York (2)	9,113,614	152'5	101.3	2,046,845	2.4	4.2	1,178,686	7'0	7.7
North Carolina (5)	3,206,287	38.0	45°3 8°a	440,334	2.I	5.0	430,570	5.3	2.1
North Dakota (4) Ohio (3)	577.056	4'5		120,910	4'9	4.8	118,757	5'0	4.0
Oklahoma (2)	1,657,131	10,3	23.0	1,138,165	4.4	4'2	342,488	4'8	4.4
Oregon (9)	672,765	4'3	2.0		4'5	4.4	144,833	4.2	4.6
Pennsylvania (3)	7,665,111	140.6	171'0	1,630,628	4.8	4.2	1,507,483	5'1	5'I
Rhode Island (r) South Carolina (5)	542,610	401.6	508'5		4.6	4.6	79,725	6.3	6.8
	1,515,400 583,888	44°0	49'7	315,204	5'0	4.2	302,842	5'2	5.0
Tennessee (6)	2.184.789	48.5	52"4	462,553	2.0	4.2	444,814	5'2	4.0
Texas (7)	3,896,542	11.6	14.8	798,426	5'2	4'9	779,177	5'3	.5'0
Vermont (x)	373:35 ¹	3'4	4'5	77:339 85,178	4'9	4'8	72,649	5'2	2.x
	355,956	37.7 46.1	39.0	419,452	2.1	4'9	77,466 400,445	5'3	4.6 2.1
Virginia (5)	1,141,000	7.8	17.1	254,692	4.6	4.2	238,823	4.0	4.8
West Virginia (5)	. 1,321,119	39 9	50.8	248,480	5'1	4'9	239,128	5'3	5°1
Wisconsin (3) Wyomlug (8)	2,333,860 145,965	37.4	42'3	499,629	4'9	4.7	462,355	5.3	5.0
	145,905	0.9	1.2	31,092	4.0	4.2	30,969	4.2	4.4
New England (r) Middle Atlantic (z)	6,552,681	90°2	105'7	1,464,942	4.5	4'5	1,099,336	5'7	6.0
Middle Atlantic (z)	19,315,892	156.1	195'1	4,235,675		4.2	3,003.464	2.4	6.8
East North Central (3) . West North Central (4)	18,250,621	65.1	74'3	4,214,820 2,592,069	4.8	4'3	3,743,779 2,448,083	5'0	4'9
South Atlantic (5)	12,194,895	38.8	45.3	2,539,270	5.0	4.8	2,445,083	5.0	4.8
East South Central (6) .	8,400,001	41.0	45°3	1,796,832	4'9	4.2	1,732,152	2.1	4.0
West South Central (7)	8,784,534	12.3	20'4	1,827,105	5'0	4.2	1,780,510	5.3	4.9
Pacific (9)	2,633,517	7.6	3.1	614,656	414	4'3	586,452	4.8	4.2
racine (9)	4,192,304	10	13.1	970,186	4"4	4'3	897,435	4.8	4.4
United States	91,972,266	25.6	30.0	20,255,555	4'7	4'5	17,805,845	5'3	5'2

WHITE AND OTHER POPULATION OF THE STATES.

White	Circle		Otl	her Population		
Population.	- State.	Negro	Indian.	Chinese.	Japanese.	All Others.
8,966,845	New York (2)	134,191	6,046	5,266	1,247	19
7,467,713	Pennsylvania (2)	193,919	1,503	1,784	190	2
	Illinois (3)	109,049	188	2,163 560	285 76	4
4,654,897	Massachusetts (1)	38,055	127 688	2,582	151	14
3,204,848	Texas (7)	690,049	702	595	340	8
3,134,932	Missouri (4)	157,452	313	535 -	99	4
2,785,247	Indiana (3)	17,115	7:519	241	49 38	2
2,639,961 2,445,894	New Jersey (2)	60,320 89,760	279	276 1,130	206	1
2,320,555	Wisconsin (3)	2,000	10,142	226	34	3
	California (9)	21,645	16,371	36,248	41,356	2,257
2,209,191	Iowa (4)	14,973	471	97	36 67	3
2,059,227	Minnesota (4)	7,084 261,656	9;053 #34	. 275 52	- 33	1
1,711,432		473,088	216	43	8	2
1,634,352	West Virginia (5)	54,030	2,444	16	107	
1,156,817	North Carolina (5)	64,173	36 7,851	90 80	3	
1,500,511	Oklahoma (7)	137,612	74,825	139	48	
1,431,802	Georgia (g)	1,176,987	95	233	4	
1,389,809	Virginia (5)	671,096	539	154	14	
1,228,832	Alabama (6)	908,282	909	62	4	28
1,180,293	Arkansas (2)	7,689 442,891	3,508 460	62	590	20
1,109,111	Arkansas (7) Washington (9)	6,058	10,997	2,700	12,929	186
1,098,897		15,174	152	462	71	
1,062,639	Maryland (5)	232,250	55 780	378	24 31	110
941,086 941,086	Louisiana (7) Kentucky (6)	713,874 261,646	334	507	23	110
786.111	Mississippi (6)	1,000,487	1.253	. 257	3	4
783,415	Colorado (8)	11,453	1,482	373	2,300	
739,995 679,161	Maine (x) South Carolina (5)	1,363 835,843	892 331	108	13	
655,000	Oregon (9)	1,492	5,000	7,363	3,418	312
569,855	North Dakota (4)	617	6,486	39	59	
563,771	South Dakota (4)	817	19,137	181	42	
532,492	Rhode Island (1) Florida (2)	9,529	284 74	272	33	" "
429,906	New Hampshire (z)	564	34	67	30	
366,583	New Hampshire (z) Utah (8)	1,144	3,123	37 ^x	2,110	30
360,580		1,834	10,745	1,285	1,585	24 -
354,298	Vermont (x)	1,6a1 641	3,488	800	1 262	12
304,504	New Mexico (8)	fz,628	20,573	248	258	
236,128	New Mexico (8) District of Columbia (5)	94,446	68	369	47	11
171,468	Arizona (8)	2,009	29,201	1,305	37 [±]	
171,102	Delaware (3)	31,181 2,325	1,486	246	1,596	84 9
74,276	Nevada (8)	513	5,240	927	864	55
81,731,957	United States	9,827,763	265,683	71,531	72,157	3,175
-0 00-	Middle Atlantic (2)	410 800	2010	8,189	1,643	21
18,880,452	East North Central (3).	417,870 300,836	7,717	3,415	482	21
11,351,621	West North Central (4)	242,662	41,406	1,195	1,000	37
8,071,603	South Atlantic (s)	4,112,488	9,054	1,582	156	12
6,480,514	West South Central (7) New England (1)	1,984,426 66,306	76,767 2,076	3,499	428	119
5,754,326	East South Central (6).	2,652,513	2,613	3:499	26	10
4,023,873	East South Central (6). Pacific (9) Mountain (8)	29,195	32,458	46,320	57,703	2,755
2,520,455	Mountain (8)	21,467	75,338	5,614	10,447	196

CONJUGAL CONDITION OF WHITE POPULATION, 1910.

	Single.		MAR	HED	Wino	WED.	Divorced.		
STATE.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Alabama (6)	133,426	98,601	225,651	225,688	14,353	36,432	817	1,200	
Arizona (8)	25,548	10,440	34,145	29,598	3,050	4,525	545	323 1,608	
Arkansas (7) California (9)		77,353 215,471	211,346 464,246	210,593 446,164	18,230	32,223 93,391	1,460	1,008	
Colorado (8)	434-949 126,096	64,911	164,338	157,693	13,079	24,877	2,678	2,930	
Connecticut (z) Delaware (5)	158,084	131,771	35,821	33,335	19,305	43,538 6,547	1,348	1,556	
Dist. of Columbia (c)	25.808	33,019	46,404	46,597	4,363 6,761	13,484	351	565	
Florida (5)	55,696 156,800	32,964	86,319 264,281	84,780 265,315	17,134	13,669 45,270	60g	722	
! Idano (8)	57,850	21,258	64,482	57,997	4,283	5,374	898	539	
Illinois (3) Indiana (2)	794,905 323,806	568,291 236,862	572,915	564,274	82,819 47,620	184,158	7:445	7,990	
Indiana (3) Iowa (4)	306,084	218,712	443,801	439,522	35,101	66,733	4.748	5,165	
Kansas (4)	221,472	138,500	337,408 387,243	332,347 387,489	25,960 31,184	44,070 63,400	3,618	3,573	
Kentucky (6) Louisiana (7)	118,150	85,111	163,046	162,421	12,784	32,681	706	920	
Maine (1)	94,824	72,277	158,458	156,137	17,451	32,333	2,624	2,476	
		125,349	205,034 646,970	205,217 637,155	56,003	40,737	1,231	5,863	
Michigan (3) Minnesota (4)	369,243	253,999	596,927	582,287	46,669	91,136	7,333	7,370	
. MISSISSIDD1 (6)	359,255 89,197	222,900 64,646	370,449	357,133 141,500	28,988	50,462 23,295	2,769 552	2,905	
Missouri (4)	410,835	293,905	633,971	629,144	51,687	107,898	6,276	7,632	
Montana (8) Nebraska (4)	88,745 173,594	25,250 108,395	70,839 230,800	61,430 228,103	5,125	6,845 28,436	1,132	779 2,357	
Nebraska (4) Nevada (8)	20,979	4,079 46,820	16,246	12,747	1 822	1,780	59z	248	
New Hampshire (1)	56,949	46,820 269,095	90,905	89,253 487,679	9,800	19,810 89,174	1,594	1,505	
New Mexico (8)	333,516	20,331	505,011 59,488	56,924	5.451	7,967	694	716	
New York (2) North Carolina (5)	1,301,476	1,090,868	1,810,525	1,763,724	143,038	363,725	7,251	9,906	
North Dakota (4)	07,740	46,353	269,112	270,354 97,039	16,953	42,344 7,926	566 654	893 540	
		471,167	998,662	969,198	5,985 80,562	172,655	10,036	11,822	
Oklahoma (7) Oregon (9)	174,311	87,186 54,731	284,941 134,091	279,816 126,647	22,184	28,920	2,589 3,357	2,149	
Pennsylvania (2)	1,025,149	777,776 69,58a	1,520,318	1,433,251	113,322	248,860	6,885	8,217	
Rhode Island (1) South Carolina (5)	76,927 78,786	69,58a 62,609	103,627	101,051	9,611	20, 26	1,064	1,523	
South Dakota (4)	93,965	47,941	104,266	IOI.6QI	7,334	10,342	1,122	057	
Tennessee (6)	189,552	243,419	324,412 596,630	591,444	24,744 43,897	53,681 86,083	1,792	2,833	
Texas(7)	49,833		66,967	65,278		9,777	3,794 706	4,657 895	
		32,878	77,415	75,476	8,253	15,185	1,126	982	
Washington (9)	233,673	138,286 87,434	254,887	254,055 210,145	19,832	42,897 25,693	1,077	3,811	
Virginia (5) Washington (9) West Virginia (5) Wisconsin (3) Wyoming (8).	148,530 341,620	95,259	223,526	214,385 432,985	13,881	26,264	1,248	1,659	
Wyoming (8)	341,020	245,014 8,024	442,336 27,425	432,985	34,235	67,057	3,802 479	4,217	
Divisions :-	371-7-	-,4	-3,11-3	-33-5	-1904		,477	3"4	
New England (1)	903,855	813,515	1.200,888	1,273,283	120,423	272,717	11,996	13,005	
Middle Atlantic (a)		2,137,739	1,299,888 3,835,854	3,684,654	294,382	701,759 607,355	15,599	19,898	
East North Central (3) West North Central (4)	3,445,571	1,775:333 1,076,706 766,778 486,273	3,730,455 2,231,440	3,684,654 3,639,614 2,184,979	291,905	607,355 315,867	38,985	43,880	
South Atlantic (5)	976,123	766,778	1,507,032	1,496,265	107,434	243,814	7,613	9,675	
East South Central (6) West South Central (7)	3,445,571 1,644,954 976,123 642,738 810,294	486,273	1,255,963	1,496,365	79,770	176,808	6,130	9,034	
Mountain (8)		163,869	1,255,903 444,442 822,360	1,244,274 406,218	97,095 32,841	179,907 55,198	8,549 7,030	9:334 6.02B	
Pacific (9)	800,988	357,636	822,360	782,956	74:437	136,194	18,407	16,233	
United States	11,291,985	8,070,918	16,196,458	15,791,087	1,269,381	2,689,619	138,832	151,116	

CONJUGAL CONDITION OF COLORED POPULATION, 1910.

	Sixo	ilm.	MAR	RIED.	. With	WED.	Dive	RCED.
SPATE	Male.	· Female.	Male.	Female.	Male.	Female.	Male.	Female.
Alabama (6)	88,699	70,525	160,764	162,503	17,110	43,795	2.011	4,223
Arizona (8)	3,558	1,595	6,563	6,003	673	1,143	116	210
Arkansas (7)	45,672	30,778	81,369	82,007	10,862	19,405	1,193	1,896
California (9)	45:343	4,075	31,292	13,003	2,128	2,558	242	260
Connecticut (1)	3,732	1,020	3,461 3,260	2,853 3,001	378 428	875	104	113
Delaware (5)	4,543	3,145	5,630	5,580	791	1,423	34	35
Dist. of Columbia (5)	12.256	13.455	18,028	10,001	1,800	7,668	184	284
Florida (e)		20,139	59,100	59,327	6,559	11,627	953	1,192
Georgia (5) Idaho (8)	109,596	87,474	206,465	210,626	20,030	53,232	1,281	2,726
Idaho (8)	1,901	8.qo6	1,561	997	124	225	45	28
Illinois (3)	18,864 9,303	5,266	24,178	23,122	3,258 1.984	7,187 3,861	639	691 481
Indiana (3)	2,580	1,133	3,331	3,077	473	5,001	143	120
Kansas (4)	8,332	4.852	11,507	11,173	1.625	2,051	325	295
Kansas (4) Kentucky (6) Louisiana (7)	35,301	24,864	48,592	48,989	7,023	15,248	1,051	1,477
Louisiana (7)	77,191	57,708	125,751	128,115	12,716	34,120	970	2,069
Maine (x)	437	266	483	398	80	11,1	12	14
Maryland (5)	30,341	24,493	41,683	42,620	5,093	11,105	267	337
Michigan (3)	7,37º 3,836	4,853 2,033	8,770	7,376 4,966	797 240	2,494	91 146	105
Minnesota (4)	2,864	1,176	3,252	3,003	367	713	66	134 Q1
Mississippi (6)	95,879	72,076	179,297	18z,429	18,490	43,366	2,323	3,934
Missouri (4)	24.384	14,279	31,067	31,675	4,831	10,574	744	926
Montana (8) Nebraska (4)	3,015	711	3,584	2,755	213	535	43	55
Nebraska (4)	2,481	883	2,473	2,338	314	544	50	60
Nevada (8)	1,529	332 88	1,914	1,362	200	335	16	27
New Hampshire (1)	13,028	10,337	19,155	19,306	1,790	26 5.115	89	109
New Mexico (8)	2,457	1,130	4,160	4,124	527	878	65	151
New York (2)	25,861	18.803	30,435	20,834	2,806	9,465	185	321
North Carolina (x)	70,271	67,563	113,176	116,174	9,590	25,958	433	805
North Dakota (4)	QIO!	475	1,335	I,33I	106	207	IO	17
Ohio (3)	18,141	10,617	23,462	22,672	3,176	6,143	558	564
Oklahoina (7)	23,199 8,287	13,079	36,909	37,634 1,535	4,478	7,208	562	714
Oregon (9) Pennsylvania (2)	30,178	511 22,616	40,079	40,214	272 4,406	430 10,781	55 253	387
Rhode Island (r)	1,575	1,148	2,044	1,887	221	605	33	54
South Carolina (g)	75,526	68,199	137,557	141,384	10,888	33,708	271	. 66o
South Dakota (4) Tennessee (6) Texas (7)	2,042	1,333	4,102	4,258	352	795	67	69
Tennessee (6)	52,930	40,472	. 85,066	86,951	11,039	26,251	2,282	2:344
Texas (7)	73,766	53,079	120,397	122,125	13,965 161	30,629	2,484	4,626
Utah (8) Vermont (x)	3,056	176 85	1,641 256	977 205	28	30	. 34 . 15	33
Virginia (5)	774	66.046	100.864	112,433	11,796	30,223	683	1,125
Washington (e)	11,961	1.235	7,116	4,508	453	867	08	82
Washington (9) West Virginia (5)	13.216	4,622	12,518	11,306	1,330	2,012	183	204
Wisconsin (3)	1,820	1,025	2,368	2,351	335 86	506	73 21	72 26
Wyoming (8)	2,513	201	1,073	634	86	¥53	21	26
Divisions:								
New England (1)	12,470	8,327	14,972	13,061	1,574	4,359	187	246
Middle Atlantic (2)	69,067	51,756	89,669	89,354	9,002	25,361	527	817
East North ('entral (3)	51,964	27,877	67,628	65,361 56,855	9,493	18,985	x,836	1,942
West North Central (4) South Atlantic (5)	43,602	356,036	57,967 704,021	718,541	8,068 67,967	16,474	4.280	7,368
East South Central (6)	433:754	207,937		480,872	53,662	128,570	6,666	7,300
West South Central (7)	210,828	154.644	473,719 364,426	369,88x	42,02I	91,362	5,200	9,305
Mountain (8)	20,761	5,382	23,957	19,705	2,362	4,316	434	633
Pacific (9)	65.591	5,821	42,301	19,046	2,853	3,855	395	384
. Total	0. 0.6	841,911	- 9-9 66-	1,832,696	197,002	470,238	20,058	34,260

THE GROWTH OF AMERICAN CITIES.

C	ITIES OF	25,000 .	AND	OVER	WITH RATE OF	INCREA	SE.		
	Popul	ation.	Per ce Incr	ease.	1. 1. 19	Popul	stion.	Per ce Incre	nt. of
CITY.	2900. `	rgzo.	18go to 1goo.	to Igio.	Crer.	2900,	2920.	1890 to 1000.	1900 to 1910.
Akron, Ohio	42,728	69,067	54.8	61.2	East Orange, N.J.	21,506	34,371	61.0	59.8
Albany, N.Y	94,151	100,253		6.2	East St. Louis, Ill.	29,655	58,547	95'5	
Allentown, Pa	35,416	51,913	40'4	46.6	Elgin, Ill	22,433	25,976	25'9	15.8
Amsterdam, NY	38,973	52,127	28.5	33'8	Elizabeth, N.J Elmira, N.Y El Paso, Tex	52,130	73,409	38.0	40.8
Atlania, Ga	20,929 89,872	154,839	37.1	72.3	El Paso, Tex	35,672 15,906	37,176	15'5 53'9	4.2
	27,838	46,150	113.5	59.7		52,733	66,525	20.8	26.5
Auburn, N.Y	30,345	34,668	17'4	14'2	Evansville, Ind	59,007	69,647	16.3	18.0
Augusta, Ga	39,441	41,040	18.4		Everett, Mass	24,336	33,484	119.0	37.6
	24,147	29,860	52.2		Fall River, Mass. Fitchburg, Mass.	104,863	119,295	40.0	13.8
BattleCreek,	20,030	09,000	3-1	37 -	Fitchburg, Mass.	31,531	37,826	43'I	
Mich Mich	18,568	25,267	40.2	36°1	Flint, Mich Fort Wayne, Ind.	13,103	38,550	33.7	194'2
Baltimore, Md	508,957	558,485	17.5		Fort Worth, Tex.	45.115 20,680	63,933 73,312	27.5	174
	27,628	45,166		63.2	Galveston, Tex				-14 7
Bayonne, N.J Berkeley, Cal	32,722	55,545	71.9	69.7	GrandRapids, Mic.	37,789 87,565	39,861	29.9	28.6
Berkeley, Cal	13:214	40,434	159.0	206.0	Green Bay, Wis	18,684	25,236	45°3	35
Binghampton,	39,647	48,443	13.3	22'2	Hamilton, Ohio			36.1	
Birmingham, Ala.	38,415	132,685	13 3	245 4	Harrisburg, Pa	23,914 50,167	35,279 64,186	27.4	47 3
Birmingham, Ala. Bloomington, Ill	23,286	25,768	13.2	10.4		79,850	98,915	50.0	23.0
	560,892	670,585	25°1	19.6	Haverhill, Mass	37,175	44,115	35.6	18.
Bridgeport, Conn.	70,956	96,878	45'3	43'7	Hazelton, Pa	14,230	25,452	10.0	78.
Brockton, Mass	19,935	27,792	46.8	42.0	Hoboken, N.J	59,364 45,712	70,324	36.0	18
Buffalo, N. Y.	352,387	423,715	64 7 37 8	39'4	Holyoke, Mass Houston, Tex	44,633	57,73° 78,800	62.0	26.
Brookline, Mass Buffalo, N. Y Butte, Mont	30,470	39,165	184.5	28.2	Huntington, W.	44)*33	70,000		70 0
Cambridge, Mass	91,886	104,839	31.5		Va	11,923	31,161	18.0	161.
Camileo N.I	75:935	94,538	30.5	24.2	Indianapolis, Ind.	160,164	233,650	60'4	381
	30,667	50,317	17'1	63.7	Jackson, Mich	25,180		SI.I	
Cedar Kapius, low.	25,656	32,811	42'4	27'9	Jacksonville, Fla.	28,429	31,433 57,699		103.0
Charleston, S.C Charlotte, N.C	55,807 18,091	58,833 34,014	1.6	5 4 88 o	Jacksonville, Fla. Jamestown, N.Y.	22,892	31,297	42.7	36:
Chattanooga,	10,091	34,014	20.2	99.0	Jersey City, M.J.	206,433	267,779	26.6	29'
Tenn.	30,154	44,604	3.6	47.9	Johnstown, Pa	35,936	55,482	64.8	
Chelsea, Mass	24.072	32,452	22'1		Joliet, Ill	29,353 26,023	34,670 32,073	26.5	18.1
Chester, Pa	33,988	38,537	68.0						
Chicago, Ill	1,098,575	2,185,383	54°4 36°4	28.7	Kalamazoo, Mich. Kansas City, Kans.	24,404	39:437 82,331	36.7	61.0
	352,902	25,401	9.8	32.2	Kansas City, Mans.	51,418 163,752	248,381	23 4	21.
Chicopee, Mass Cincinnati, Ohio Cleveland, Ohio	381,768	363,591 560,663	46.1	46°Q	Kansas City, Mo. Kingston, N.Y Knoxville, Tenn	24,535	25,908	15'4	
Clinton, Iowa	22,698	25,577	66.7	12.7		32,637	36,346	44'8	II.
Colorado Springs,					La Crosse, Wis Lancaster, Pa	28,895	- 30,417	15'2	5'3
Columbus, Ohio	21,085	29,078 181,511	8913		Lancaster, Pa	41,459	47,227	20'5	13.4
Columbia, S.C	21,108	26,319	37.5		Lansing, Mich	16,485	31,229	25'8	
Council Bluffs.			37 3	177	Laurence, Mass Lewiston, Me	62,559	85,892 26,247	40.1	37'3
Iowa	25,802	29,292	20.3		Lexington, Ky	26,369	35,099	9'5	33.1
Covington, Ky	42,938	53,270	14'9	24'X	Lima, Ohio		30,508	35'9	40.4
Dallas, Tex	42,638	92,104		116.0	Lincoln, Neb	40,160	43,973		9"
Danville, Ill	16,354	27,871	42'3	70.4	Little Rock, Ark.	38,307	45,941 28,833	48'I	19.0
Dayenport, Iowa Dayton, Ohio	35,254 85,333	43,028 115,577	31.5		Los Angeles, Cal	102,479	28,833 319,198	229'6	80.3
Decatur, Ill.	20,754	31,140	39'4	30.0	Louisville, Ky	204,731	233,928	27.I	O.
Decatur, Ill Denver, Colo	133.850	213,381	25.4	59'4	Lowell, Mass	94,969	106,294	22'2	IX.
Des Moines, lowa.	62,139	85,368	24'0	39.0	Lynchburg, Va	94,969 18,981	29,494		56.
Detroit, Mich	285,704	465,766			Lynn, Mass	68,513	89,336	22.0	30.4
Dubuque, Iowa Duluth, Minn	36,297 52,969	38,494 78,466	19.7		Macon, Ga	23,272	40,665	2.3	74
					Madison, Wis	19,164	25,531	42.7	33.
Easton, Pa	25,838	28,523	74'3	13.0	Malden, Mass	33,664	44,404	46'2	3x.0

Н	130		1106 (11	0 66 616	. 05 .	AIREI WUIG CHIE				
-		Popul	ation.	Per ce Incr	nt. of		Popul	ntion:	Per ce Incre	nt. of
-	Citr.	2900.	2920.	to 1900.	1900 to 1910.	· · · · · · · ·	1900.	zgro.	1890 to 1900.	1900 to 1910.
-	Manchester, N.H. McKeesport, Pa.	56.987	70,063 42,694	29.1	22'9	Rochester, NY Rockford, Ill	162,608	218,149 45,401	21.4 31.4	34°2 46°2
-	Memphis, Tenn Meriden, Conn Milwaukee, Wis	24,296 285,315	131,105 27,265 373,857	58.6 12.2 39.5	13.5	Sacramento, Cal Saginaw, Mich	29,282	44,696 50,510	11.0	52'6
	Minneapolis, Min. Mobile, Ala Montgomery, Ala.	38,469	301,408 51,521 38,136	23.8 38.4	48.7	St. Joseph, Mo St. Louis, Mo St. Paul, Minn Salem, Mass	102,979 575,238 163,065	77,403 687,029 214,744	96·8 27·3 22·5	19'4
	Mount Vernon, N.Y.	30,346	30.919	96.0	45.7	Salem, Mass Salt Lake City, ('tah:	35.956 53.53 ^x	43,697	16.7	21.2
п	Muskogee, Okla Nashua, N.H Nashville Tenn	4:254 23,898 80,865	25,278	23.8	8.8	San Antonio, Tex. San Diego, Cal San Francisco, Cal.	53:33° 53:32° 17:700 342,782	92,777 96,614 39,578 416,912	9'5	73'3 81'2 123'6
-	Nashville, Tenn Newark, N.J Newark, Ohio	181,830	246,070 25,404	35'3	41.3	San José, Cal Savannah, Ga	21,500 54,244 32,682	28,946	19'0	34.6
- 1	New Bedford, Mass. New Britain, Conn.	40,733 25,998	62,442 43,916	53°3 57°4 8°0	68.0	Schenectady, N.Y. Scranton, Pa Seattle, Wash	80,671	72,826 129,867 237,194	35.6	104'0
	Newburgh, N.Y Newcastle, Pa New Haven, Conn.	24,943 28,339 81,298	27,805 36,280 108,027		28.0	Sheboygan, Wis	22,962 20,321 16,013	25,774 28,015	27.5	26.8 75.0
Company out of	New Orleans, La Newport, Ky Newport, R.I New Rochelle,	287,104 28,301 22,441	339,075 30,301 27,149	13.6		Shreveport, I.a Sioux City, Iowa . Somerville, Mass. South Bend, Ill	33,111 61,643 35:999	47,828 77,236 53,684	53°5 65°0	4414
			-0 06-	6a 5 37 8		South Omana,	26,001 36.848	26,529	222'5	1.0
	Newton, Mass New York, N.Y Broux Brooklyn Manhattan	3,437,202	4,766,883 430,980 1,634,351	37'1	38.7	Spokane, Wash Springfield, Ill Springfield, Mass. Springfield, Mo Springfield, Ohio	34:159 62,059	51,678 88,926	36·8 40·5 6·5	51'3
	Queens	152,000	284,041	28·4 75·8 29·7	40°1 26°0 85°6 28°3		23,267 38,253 15:997	35,201 46,921 25.138	19.0	57'1
	Richmond Niagara Falls, N.Y.	19,457	85,909 30,445		56.2	Superior, Wis Syracuse, N.Y Tacoma, Wash	31,091 108,374 37,714	40,384 137,249 83,743	53.0	20.0
	Norfolk, Va Norristown, Pa Oakland, Cal	46,624 22,265 66,960	67,452 27,875 150,174	33°7 12°5	25'2	Tacoma, Wash Tampa, Fla Taunton, Mass Terre Haute, Ind.	15,839 31,036 36,673	37.782 34.259 58.157	22'0	122'0 143'2 10'4
1	Oakland, Cal Ogden, Utah Oklahoma, Okla	16,313 10,037 102,555	25,850 64,205 124,096	9.6	56.8 539.7 21.0	Toledo, Ohio	33,608	43,684	8.4 8.4	58.6 27.8 30.0
	Omaha, Nebr, Orange, N.J Oshkosh, Wis	24,141 28,284	29,630 33,062	23.0	16.9	Trenton, N.Y Troy, N.Y Utica, N.Y.	73.307 60,651 56,383	96,815 76,813 74,429	27.6	32°1 32°1
	Pasadena, Cal Passaic, N.J Paterson, N.J	9,117 27,777 105,171	30,291 54,773 125,600	113'2	232°2 97°2 19°4	Waco, Tex. Waltham, Mass Warwick, R.L	20,686	26,425 27,834 26,629	43'2	27.7
ı	Pawtucket, R.I Peoria, Ill	39,231	61,622 66,950 32,121	36.7 86.1	81.2 19.3		21,316 278,718 45,859	331,059	20.0	18·8 59·5
	Perth Amboy, N.J. Philadelphia, Pa Pittsburgh, Pa Pittsfield Mass	1,293,697 451,512 21,766	1,549,008	23.0	18.3	Waterbury, Conn. Waterloo, Iowa Watertown, N.Y.	12,580 21,696	73,141 26,693 26,730	88 5	23.3 113.3
	Pittsburgh, Pa Pittsfield, Mass Portland, Me Portland, Oreg Portsmouth, Va	50,145 90,426	32,121 58,571 207,214	37.7	16.8	West Hoboken, N.Y. Wheeling, W. Va. Wichita, Kans Wilkes-Barre, Pa.	23,094 38,878 24,671	35,403 41,641	98°0	2. I
	Pongakeepsie, N.Y.	24,029	33,290 27,936	8.3		Wilkes-Barre, Pa. Williamsport, Pa. Williamsport, Pa.	24,671 51,721 28,757 76,508 20,976	52,450 67,105 31,860	37°1	112.6 29.7 10.8
-	Providence, R.I Pueblo, Col Quincy, FIL	275,597 28,157 26,252	224,326 44,395 36,587	32'9	57 7	Wilmington, N.C. Wuonsocket, R.I. Worcester, Mass,		87,411 25,748 38,125	24°5 4°6 35°4	38.7
	Quincy, Mass Racine, Wis:	36,252 23,899 29,102	36,587 32,642 38,002	42.9	36.6	Youkers, N.Y York, Pa	118,421	79,803	39 9	23'3
-	Richmond, Va Roanoke, Va	78,961 - 85,050 21,495	96,071 127,628 34,874	34.6	31'7	Youngstown, Ohio.	33,708 44,885 23,538	44,750 79,066	22 I	76.5
		1	1	1			-3:330		1	, ,

POPULATION BY SEXES: URBAN AND RURAL.

					-	
State.	Sex, 1910.		Urban, rere,	Rural, seco.	Per cent., Urban.	
istato.	Male.	Female.	01044, 1910,	zturar, syst.	1900.	1910.
Alabama (6)	1,074.200	1,063,884	370,431	1,767,662	11.0	17'2
Arizona (8)	118,574	85,780	63,260	141,094	15.9	31.0
Arkansas (7)	810,026	764,423	202,681 1,469,739	1,371,768	8°5 52°4	7.2'g 61'8
Colorado (8)	430,697	368,327	494,840	394,184	48.3	50.4
Connecticut (1)	563,642	551,114	999,839	114,917	87.2	89.7
District of Columbia (5)	x03,435	98,887	97,085	105,237	46.4	48.0
Florida (5)	158,050 394,166	358,453	331,069	533-539	100.0	100,0
Georgia (s)	1,305,010	1,304,108	538,650	2,070,471	12.6	20.6
Idaho (8)	1,305,019	140,048	69,898	255,606	6'2	21.2
Illinois (3)	2,911,674	2,726,917	3,476,929	2,161,662	54'3	61.3
Town (4)	1,383,295	1,317,581	1,143,835	1,557,041	34'3	42°4 30°6
Iowa (4) Kansas (4) Kentucky (6) Louistana (7)	885,912	805,037	493,790	1,197,159	22.2	30.0
Kentucky (6)	1,161,709	1,128,196	555.442	1,734,463	21.8	24.3
Louisiana (7)	835,275	821,113	496,516	1,159,872	26'5	30.0
	544,225	365,319 651,121	381,443 658,192	360,928	48.6	51'4
Maryland (5) Massachusetts (1)	1,655,248	1,711,168	3,125,367	241.040	01.2	0z.8
	1,454,534	1,355,639	1,327,044 850,294	1,483,129	30.3	47'2
Minnesota (4)	1,108,511	967,197 891,354	850,294	1,225,414	34.1	41.0
Missonri (4)	905,760 1,687,813	1,605,522	207,311	1,589,803	36.3	42.5
Montana (8)	226,872	149,181	133,420	242,633	34.2	35'5
Missouri (4) Montana (8) Nebraska (4)	627,782	564,432	310,852	881,362	23.7	26'I
	52,551	29,324	13,367	68,508	17.0	19.3
New Hampshire (x)	216,290 1,286,463	214,282	255,099	175,473 629,957	55.0	59°2
New Mexico (8)	175,245	152,056	46,571	280,730	14.0	14.3
New York (2)	4,584,597	4,529,017	7,185,494	1,028,120	72.9	78.8
North Carolina (5) North Dakota (4)	1,098,476	1,107,811	318,474 63,236	1,887,813	9.9	X414
Ohio (3)	317,554	259,502	2,665,143	2,101,078	7.3 48.1	55'9
	3,434,758 881,578	775,577	320,155	1,337,000	7'4	10.3
Oregon (a)	384,265	288,500	307,060	365,705	35.3	45'6
Pennsylvania (z)	3,942,206	3,722,905	4,630,669	3,034,442	54'7	60'4
South Carolina (5)	270,314 751,842	763.558	224,832	17,956	95°I	96.4
· South Dakota (4)	317,112	266,776	76,673	507,215	10.3	13.1
	1,103,491	1,081,298	441,045	z,743,744 z,958,438	16.3	20'2
Texas (7). I tah (8). Vermout (x). Virginia (5).	2,017,626	1,878,916 176,488	938,104	2,958,438	38.x	24'1
Vermont (v)	182,568	173,388	172,934	187,013	40.5	46'3
Virginia (5)	1,035,348	1,025,254	476,529	1,585,083	18.3	23.X
Washington (9)	658,663	483,327	605,530	536,460	40.8	53.0
Washington (9)	644,044 1,208,578	577,075 1,125,282	228,242 1,004,320	992,877	38.3 13.1	18.7
Wyoming (8)	QI,570	54,295	43,221	102,744	28.8	20.0
	3-1-2-	511.35	13,			-,-
· Man Budland (1)					1	0
New England (z)	3,265,114	3,287,567	5,455,345	1,097,336 5,592,519	79°9 65°2	83.3
East North Central (3)	9,392,839	8,857,782	9,617,271	8,633,350	45'2	52.7
	6,092,855	5,545,066 6,060,290	3,873,716	7,764,205	28.4	33.3
South Atlantic (5) East South Central (6)	6,134,605		3,092,153	9,102,742	21'4	25'4
West South Central (c)	4,245,169	4,164,732	1,574,229	6,835,672	15.0	18.4
Mountain (8)	1,478,018	1,155,499	947,511	1,686,006	32'3	36.0
Pacific (9)	2,365,906	1,826,398	2,382,329	1,809,975	46.4	36.9
United States	47:332,277	44,639,989	42,623,383	49,348,883	40'5	46'3
		1	1 333		1	

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RELIGIOUS STATISTICS, 1906.

I -- PROTESTANT STATES.

State.	Protestant Bodies.	Roman Catholics.
Alabama (6)	277,125	42,385
Arkansas (7)	392,571	32,397
Delaware (5)	46.779	24,228
District of Columbia (5)	91,474	43.778
Florida (5)	199.858	17.507
Georgia (5)	1,007.205	19.273
Idaho (8)	22,796	18.057
	1,109.764	932,084
Indiana (3)	757,843	174.849
Iowa (4)	569:734	207.607
Kansas (4)	360,476	93,195
Kentucky (6)	689,326	165,908
Maryland (s)	302,393	166,941
Minnesota (4)	450.434	378.288
Mississippi (6)	626.845	28,576
Missouri (4)	802.116	382,64z
Nebraska (4)	240,516	100.763
North Carolina (5)	829.000	3.981
North Dakots (4)	97,36r	61,261
Ohio (3)	1,171,084	557,650
Oklahoma (7)	218,787	36.548
Oregon (9)	81,855	35-317
Pennsylvania (2	1:717,037	1,214:734
South Carolina (5)	653.843	10.317
South Dakota (4)	100,625	61,014
Tennessee (6)	677:947	17:252
Texas (7)	913,917	308.356
Virginia (5)	76x,996	28,700
Washington (9)	114,070	74,981
West Virginia (5)	259,804	40,111

SEATING CAPACITY OF CHURCHES

The total seating capacity of church collect reported in 190, according to the Census Bulletin of an August, 1909, was \$5.25,829, an Increase and the collection of the Census Census and the collection of the Census Cens

The average seating canacity per organization for the Protestant bodies taken together was ayr, and for the Roman Catholic Church 456. With the single scoreption of the Roman Catholic Church, all the denominations showed an average was a season of the contract of the same contract

II .-- ROWAN CATHOLIC STATES

State.	Roman Catholic Church.	Protestant Bodies.		
Arizona (8) California (9) Colorado (8) Connectient (1) Louislana (7) Mane (1) Masschusette (1) Masschusette (2) Masschusette (3) Nevada (8) Nevada (8) New Hampshire (4) New Jersey (4) New Jersey (4) New Mersey (4)	29,810 354,408 99,820 299,513 477,774 113,419 1.080,706 49#,135 72,359 9,970 119,863 441,432 121,558	9,052 236,007 98,878 196,248 298,946 96,341 449,358 481,996 3,199 64,264 407,430		
New York (2) Rhode Island (1) Utah* (8) Vermont (1). Wisconsin (2) Wyoming (8)	2,285,768 295,951 8.356 82,272 505,264 10,264	1,237,992 64,141 8,193 63,895 490,871 7,502		

TIT GROOD ADUTE DIVISIONS

Divisions.	Protestant Bodies.	Roman Catholic Church.
New England (t)	934,247 3,362,459 4,011,558 2,621,268 4,142,451 2,771,243 1,824,221 188,369 431,932	1,891,724 3,941,934 2,661,982 1,284,770 354,736 254,021 855,075 370,194 464,706
United States	30.387.743	T2 000 T40

The above table is extracted from the Report of the Bureau of the Census, and enumerate the number of communicants or members by Denominational bodies. The heading "Pro

tant Bodies" includes the follow	ving :
Methodists	5.749.838
Baptists	5,662.234
Lutherans	2,112,404
Presbyterians	1.830,555
Disciples	1,142,359
Protestant Episcopal	886,942
Congregationalists	700,480
Reformed Bodies	449,514
United Brethren	206,050
German Evangelical	293,137
Other Protestants	1,154,130

 Latter Day Saints numbered 256.647 (151,525 in Uts and 32,425 in Idaho), and all other religious bedies 312,92
 The grand total recorded was 32,936,445.

RELIGIOUS ORGANIZATIONS OF THE U.S. es of Communicants of the various bodies are taken from the Annual Report of Dr. H. K. Carroll, prepared for the Federal Council of the Churches of Christ in America.

THE ROMAN CATHOLIC CHURCH,

Communicants, 1914...13.704,637. Apostolic Delegate, Most. Rev. Archbishop John Bonzano, D.D., Washington, D.C.

1895.—James Gibbons, Archbishop of Baltimore, M.D., b. 1834.

1912.—William H. O'Connell, Archbishop of Boston, Mass., b. 1859.

1911—John M. Farley, Archbishop of New York, N.Y., b. 1842.

Archbishops (12).

Cincinnati, Ohio, Henry Moeller. Dubuque, Iowa, James J. Keane (Archbishop Siana).

Manila, P.I., Jeremiah J. Harty. Milwaukee, Wis., Sebastian G. Messmer.

Mittocukės, W.S., Sebastha U. Masame, Neio Oricano, La., James H. Blenk, Origon Ckiy, Ors., Alexander Christie. Philadelpiko, Pa., Edmond F. Prendergast. St. Lovie, Mo., John Joseph Glennon. St. Lovie, Mo., John Joseph Glennon. San Francisco, Cal. Predatad. San Francisco, Cal. Predatad. Santa Fé, N.M., John Esptist Pitaval.

Bishops (106).

Tucson, Henry Granjon. Arkansas-

Little Rock, John B. Morris. Monterey—Los Angeles, Sacramento, Thomas Grace San Francisco,

Denver, Nicholas Chrysostom Matz

Hartford, John Joseph Nilan. Delaware— Wilmington, John J. Monaghan

orgia— Savannah, Benjamin J. Keily.

linois—
Alton, James Ryan.
Belleville, Henry Althoff,
Chicago, A. J. McGavick (Bp. Aux.).

Fort Wayne, Herman J. Alerding. Indianapolis, Francis S. Chatard, Joseph Chartrand, Coadjutor.

Siouz City, Philip Joseph Garrigan.
Kansas—
Concordia, John F. Cunningham.
Learenworth, John Ward.

Kentucky-

Covington, Louisville, Denis O'Donaghue.

Alexandria, Cornelius Van de Ven New Orleans, J. M. Laval (Bp. Aux.)

Baltimore, Owen B. Corrigan (Bp. Aux.).

Boston, Joseph G. Anderson (Bp. Aux.). Fall River, Daniel F. Feehan. Springfield, Thomas D. Beaven,

Detroit, John S. Foley, Edward D. Kelly (Pp.

Grand Rapids, Henry J. Richter.

Kansas City, Thomas F. Lillis. St. Joseph, Maurice F. Burke.

Great Falls, Mathias C. Lenihan. .

Kearney, James Albert Duffy, Lincoln, John Henry Tihen. Omaha, Richard Scannell.

New Jersey-Newark, John J. O'Counor. Trenton, James A. McFaul.

New York—
Albany, Thomas F. Cussck.

Brooklyn, Charles E. McDonnell, G. W. Mun-

New York, Patrick J. Hayes (Bp. Aux.). Ogdensburg, Henry Gabriels, J. H. Conroy

Rochester, Thomas F. Hickey, Syracuse, John Grimes, North Dakota—

Cleveland, John P. Farrelly.
Columbus, James J. Hartley.
Toledo, Joseph Schrembs.
Oklahoma—

Baker City, Charles J. O'Reilly,

emisyrenma.
Altoona, Eugene A. Garvey.
Erie, John E. Fitz-Maurice.
Harrisburg, John W. Shanahan.
Pittsburgh, J. F. Regis Canevin,
Scranton, Michael John Hoban.

Philippine Islands—
Calabayog, Pablo Singzon de la Annunciacion.
Cebu, Juan P. Gorordo.

Jaro, Dennis J. Dougherty. Lipa, Joseph Petrelli.

Lipa, Joseph Petrelli. Nueva Caceres, J. B. MacGinley. Nueva Segovia, Peter Joseph Hurth. Tuguegarao, M. P. Foley. Zamboanga, M. J. O Doherty.

San Juan, W. A. Jones.
Rhode Island- Providence, Matthew Harkins.
South Carolina—
Charleston, Henry P. Northrop. South Dakota-
Lead:
Sioux Falls, Thomas O'Gorman.
Tennessee-
Nashville, Thomas Sebastian Byrne. Texas—
Corpus Christi, P. J. Nussbaum. Dallas, Joseph Patrick Lynch. El Paso, John J. Brown.
Dallas, Joseph Patrick Lynch.
Galreston Nicholas A Gallacher.
Galveston, Nicholas A. Gallagher. San Antonio, John William Shaw.
Utah— Salt Lake City.
Vermont—
Burlington, Joseph J. Rice.
Virginia— Richmond, Denis Joseph O'Connell.
Washington—
Seattle, Edward John O'Dea.
Spokane, Augustin F. Schinner. West Virginia—
Wheeling, Patrick James Donahue.
Green Bay, Paul P. Rhode.
Green Bay, Paul P. Rhode. La Crosse, James Schwebach. Superior, Joseph M. Koudelka.
Wvomina—
Cheyenne, Patrick A. McGovern.
RUTHENIAN GREEK.
Bishop for U.SS. S. Ortynsky.
METHODISTS,
Communicants, 1014.
Communicants, 1014.
Communicants, 1014.
Communicants, 1014.
Communicants, 1914. Methodist Episcopal 3,603,26 Methodist Episcopal South 2,005,70 African Methodist Episcopal Zion 588,66 Colored Methodist Episcopal 220,220,220
Communicants, 1914. Methodist Episcopal 3,603,26 Methodist Episcopal South 2,005,70 African Methodist Episcopal Zion 588,66 Colored Methodist Episcopal 220,220,220
Methodist Episcopal
Communicants, 1914.
Communicants, 1944
Communicants, 1944 Methodist Episcopal 3,563,28 Methodist Episcopal South 2,563,28 Methodist Episcopal South 2,563,28 African Methodist Episcopal 2500, 588,66 Chored Methodist Episcopal 2500, 588,66 Chored Methodist Episcopal 2100, 588,66 Chored Methodist Episcopal 2100,58 Total Methodists 7,328,88 METHODIST EPISCOPAL CHURCH.

Joseph C. Hartzell (Mc Oklahoma Ciky, Okla, J. Omasha, Neb., Frank B. Bristol, Pakin (Chine), James W. Bashford, Petriand, Ore, Richard J. Cooke. St. Paul, Monn. William A. Quayle. St. Paul, Monn. William A. Quayle. Scoul, Keron, O. Merriman G. Harris. Washington, D. C., Earl Cranston. Zurick (Switzedund), John L. Wulsou.

METHODIST EPISCOPAL CHURCH SOUTH: Bishops (14).

Bishop (4),
Atlanta, Ga., Warren A. Candler,
Battimore, Md., Alpheus W. Wilson,
Battimore, Md., Alpheus W. Wilson,
Dattin, Tees, E. D. Mouroo,
Durknin, N.C., John C. Kilgo,
Burknin, N.C., John C. Kilgo,
Bansas City, Mo, Eugene R. Hendrix,
Leesburg, Fla., Henry C. Morribon,
Memphis, Teen, W. B. Murrah,
Naskelle, Tenn, W. B. Murrah,
Naskelle, Tenn, E. Embree Hoss,
"W. R. Lambuth."
"W. R. Lambuth."

Rickmond, Va., Collins Denny. Sherman, Tex., Joseph S. Key. Waynesville, N.C., James Atkins.

Communicants, 1914.

Total 6.770 622

NORTHERN BAPTIST CONVENTION. 6,729,628

NORTHERN BAPTIST CONVENTION.—President, Edward S. Clinch, N.Y. Cily; Corresponding Secretary, Eee, Wan. C. Ritting, 1909 Water-SOUTHERN BAPTIST CONVENTION.—President, Rev. Lansing Burrows, Americas, Ga.; Seertariez, Rev. O. F. Gregory, Ballimore, Md., and Rev. Hight C. Moore, Raleigh, N.C.

Communicants, 1914.

Total 1,519,821

Communicants, 1914.
Jeneral Synod340,441
United Synod (South) 52,188
General Council479.765
Synodical Conference850,772
United Norwegian168,363

GENERAL COUNCIL. — President, Rev. T. E. Schmauk, D.D., Lebanon, Pa.; Secretary, Rev. W. K. Frick, D.D., 3305 Cedar Street, Milwaukee, Wis.; Treasurer, A. G. Anderson, Rock Island, Ill.

GENERAL SYNOD .- President, Rev. J. A. Sing-GREFILAL SYMON—President, Lev. 4. A Wins-master, D.D., Gettyburg, Pa.; Secretary, Rev. F. P. Manhart, D.D., Sellengrove, Pa.; SYMONICAL, CONFERENCE.—President, Rev. C. Gausswitz; Secretary, Prof. J. Meyer, New Ulm, Minn.; Tressurer, H. A. Christianen, Detroit, Mich.

ORMAN FEAROMICAL LEVERRAN SYMON OF ORMAN FEAROMICAL LEVERRAN SYMON OF

GREMAN SYANGRAGAL LUTHERAN STOD OF MISSORIA URU and OFFREE STATES.—Price Missoria, Outro and OFFREE STATES.—Price STATES.—Price Missoria, Outro, A. P. P. B. Belderman, A. M., 775. N. W. P. Lesser, C. B. Chen, S. S. L. B. Belderman, A. M., 775. N. W. P. Lesser, E. S. Chen, S. S. S. L. Manner, D. B. G. B. S. S. S. B. P. M. Minn.; Dondon, Done County, Iowa, Francurer, K. T. Anderson, State Bank, Rock Island, Ill. The Country of the Country

NORWEGIAN SYNOD.—President, Rev. H. G. Stub, D.D., 8c6 Sheldon Avenue, St. Paul, Minn.; Secretary, Rev. D. C. Jordahl, Ridgeway, Iows; Treasurer, Rev. H. B. Hustvedt, Decorah, Iowa.

HAUGE'S SYNOD.—President, Secretary, Rev. M. J. Loehre, M.A., Grand Forks, N.D.; Treasurer, O. A. Ulvin, Red Wing, Minn.

Communicants, 1914 750,000.

President, Arthur S. Johnson, Boston, Mass.; Secretary, Rev. Thomas Todd, jr., Concord, Mass.; Pressurer, A. S. Lovett, Brockine, Mass; Headquarters, Congregational House,

NATIONAL THERNIAL COUNCIL.—Moderator, Rev. Charles R. Brown, M.D., Yale University, Herring, New York City. Herring, New York City. AMERICAN BOARD OF COMMISSIONERS FOR FOREION MISSIONS—PERSINE FOR Treasurer, Frank H. Wiggin; Head-quarters, 4, Beacon Street, Ecolon, Mass.

PRESBYTERIAN SYSTEM. Communicants, 1914-PRESETTERIAN CHURCH NORTH — Stated Clerk, Rev. W. H. Roberts, D.D., LL.D., 1319 Walnut Street, Philadelphia, Pa. PRESETTERIAN CHURCH SOUTH — Stated Clerk,

Rev. T. H. Law, D. D., Spartanburg, S.C.
NITED PRESETERIAN CHURCH.—Stated Clerk,
Rev. D. F. McGili, D.D., 224 Ridge Avenue,
Ben Avon, Pa.

REFORMED PRESENTERIAN CHURCH (GENERAL SYNOD).—Stated Clerk, Rev. J. L. Chestnut.

Penn Buildings, Pittsburgh, Pa.
Weish Presbyterian Church.—Stated Clerk,
Rev. W. O. Williams, Granville, N.Y.

GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH NORTH.—Moderator, Rev. J. Ross Stevenson, D.D., Princeton, N.J.; Stated Clark, Rev. W. H. Roberts, D.D., LLD.

President, George Stevenson, Philadelphia, Pa. Treasurer, The Philadelphia Trust Company. Corresponding Servitary, Rev. Joseph W. Cochran, D.D. Offices, 1319 Walnut Street, Philadelphia, Pa.

GENERAL ASSEMBLY OF THE PRESEYTERIAN CHURCH SOUTH.—Moderator, Rev. William McFadden Alexander, D.D., New Orieans, La.; Stated Clerk, Rev. T. H. Law, D.D., Spartan-

Trustees.

President, George E. Wilson, Charlotte, N.C.
Secretary and Treasurer, J. R. Pharr, Char-

PROTESTANT EPISCOPAL CHURCH.

Communicants, 1914 1.026,048.

Chicago, Charles P. Anderson

Theodore N. Morrison 1899
Harry S. Longley (Suff.) 1982

130 Rengious Organiza	
Kentucky-	Utah, Paul Jones 1915 Vernnent, Arthur C. A. Hall 1894 Furnant, Arthur C. Bliss (Conditator) 1913 Furnante, Robert A. Gilsson 1897 "Wm. C. Brown (Conditator) 1924 "B. D. Tucker (Conditator) 1924 "B. D. Tucker (Conditator) 1926
Charles E. Woodeock 1905 Lexington, Lewis W. Burton 1895 Louisiana, Davis Sessums 1891	Vermont, Arthur C. A. Hall
Lexington, Lewis W. Burton1895	George Y. Bliss (Coadjutor)1913
Louisiana, Davis Sessums1891	Virginia, Robert A. Gibson1897
Maine,	,, Wm. C. Brown (Coadjutor)rgr4
Maryland-	,, Southern, Allred M. Randolph 1883
John G. Murray	Washington-
	Olympia, Frederick W. Keator
William Lawrence	Spokane, Herman Page1915
Boston, Samuel G. Babcock (Suff.)1913	West Virginia, George W. Peterkin1878
Western (Springfield), Thomas F. Davies 1911	Wisconsin- W. L. Gravatt (Contigutor) 1899
Michigan-	Milwauker, William W. Webb1906
Managette Gershop Williams 1806	Fond du Lac, Reginald H. Weller1900
Western (Grand, Ranids), John N.	Wyoming, Nathaniel S. Thomas1909
Charles D. Williams	
	Bishops (Abroad).
Minnesota— 1899 Minneapolis, Samuel C. Edsall. 1899 Frank A. McElwain (Suff). 1912 Duluth, James D. Morrison 1897 Miscissippi, Theodore D. Bratton 1903	Cape Palmas (Africa), S. D. Ferguson* 1885
Frank A. McBiwain (Sug.)1912	Cuba, Hiram R. Hulse*1915
Ministeriori Thandore D Bratton 2002	Hankow (China), Logan H. Roots 1904
Missouri-	Maries Henry D Aver
Missourr	Southern Rearil, Lucien L. Kinsolvine* 1800
St. Louis, F. F. Johnson (Coadjutor)1905	Shanahai (China), Frederick R. Graves* 1803
West Missouri, Sidney ('. Partridge 1900	Tokyo (Japan), John McKim* 1904
Montana, Leigh K. Brewer1880	Wuhu (China), D. Trumbull Huntington* 1912
Nebracka-	Hayti, In charge of Bishop of Porto Rico.
Mebret&a	Cope Pallant (Africo), 8. D. Ferguson'
Kearney, George A. Beechergro	Dishop of Marquevoc.
Nevada, George C. Hunting1915	Nondiocesan Bishops.
New Hampshire, Edward M. Parker1906	Late Kearney, Anson R. Graves1890
New Jersey, Paul C. Matthews1915	Late Arkansas, Wm. M. Brown1897
Wilson R Stearley (Suff) Tore	Late Porto Rico, James H. Van Burenx902
New Mexico, Frederick B. Howden*1914	Late Spokane I H Wells 1892
New York-	Late Actionary, Auson K. Brown 1997 Late Porto Rico, James H. Van Buren 1902 Late Porto Rico, James H. Van Buren 1902 Late Southern Florida, Wm. C. Gray 1892 Late Spokare, I. H. Wells 1892 Late Cuba, Albion W. Knight 1990
David H. Greer	
New York City, Charles S. Burch (Suff.) 1911	President, Board of Missions, N.Y. City,
Albany, Richard H. Nelson1902	Arthur S. Lloyd
Central Charles T Olmsted	
Charles Fiske (Condittor)1915	REFORMED CHURCH.
, Charles Fiske (Condjutor) 1915 Western, William D. Walker 1883	Communicants, 1914.
North Carolina-	Reformed German312,660
Joseph B. Cheshire	Reformed German 312,66c Reformed Dutch 123,142 Christian Reformed 34,646 Hungarian Reformed 8,50c
Achanilla I M Horner* 1808	Unrisuan Reformed
North Dakota, J. P. Tyler*1914	Hungarian Introduction
Ohio, William A. Leonard1889	Total478,951
Frank Du Moulin (Coadjutor)1914	REPORTED GERMAN CHURCH - Stated Clerk Rev.
Southern, Boyd Vincent	REFORMED GERMAN CHURCH.—Stated Clerk, Rev. J. Rauch Stein, Bethlehem, Pa.
'Oblahoma Francis W Brooke* 1802	REFORMED DUTCH CHURCH Stated Clerk, Rev
Kastern, Theodore P. Thurston* 1011	Henry Lockwood, East Millstone, N.J. (act
Oregon, Walter T. Sumper1914	ing).
, Eastern, Robert L. Paddock*1907	CHRISTIAN REFORMED CHURCH Stated Clerk
Pennsylvania, Philip M. Rhinelander	Rev. H. Beets, LL.D., 107 Lagrave Avenue, S.E.
Thomas J. Gardand (Sug.)	Grand Rapids, Mich.
Pathleham Ethelhart Talhot 1884	
Harrisburg, James H. Darlington	ORTHODOX (EASTERN) CATHOLICS.
Eric, Rogers Israel1911	Communicants roza
Philippine Islands, Charles H. Brent* 1901	Greek Orthodox
Porto Rico, Charles C. Colmore	Russian Orthodox 95,000
Couth Carolina W. A Charry, Jr	Serbian Orthodox 64,00
Western, William D. Walker North Chreston. 1889 East Correline, Trie 1894 East Correline, Thomas C. Darst. 1895 East Correline, Thomas C. Darst. 1895 Frank Da Montill (Condyline) 1896 Frank Da Montill (Condyline) 1897 Frank Darst L. Policker 1897 Frank Darst L. Policker 1897 Frank Darst L. Policker 1897 Frittborgh, Coxtlandt Whitelead 1897 Frittborgh, Coxtlandt Wh	Circle Orthodox
· Tennessee, Thomas F. Gailor	Syrian Orthodox
Texas, George H. Kinsolving1802	Rulgarian Orthodox
Dallas, Alexander C. Garrett1874	January Orthodox
West, James S. Johnston	Total462,50
South Discourt, Tennesse, Thomas F. Gailor 1893 Tennesse, George H. Kinsolving 1894 Dalles, Alexander C. Garrett 1894 West, James S. Johnston 1888 Wm. T. Capers (Coadjular) North, Edward A. Temple* 1910	* Missionary Bishops.
1 Total, Strate & Temple	1 - Missionary Austrole

	*31
LATTER DAY SAINTS.	SCANDINAVIAN EVANGELICALS.
Communicants, 1914. Utah Branch 310,000 Reorganized 65,000	Communicants
Utah Branch310,000	Swedish (Covenant)
Reorganized 65,000	Swedish (Free Vission) 50,00
	Norwegian 10,50
Total375,000	4,00
LATTER DAY SAINTS' REORGANIZED CHURCH.— Presiding Bishop, Edmund L. Kelley, Independence, Mo.; General Church Secretary, Richard S. Salyards, Lamoni, Iowa	Total
Presiding Bishop, Edmund L. Kelley, Inde-	
pendence, Mo.; General Church Secretary,	MENNONITES.
Menaru S. Salyarus, Lamoni, 10wa	Communicants, 1914.
UNITED BRETHREN.	Mennonite 14,14 General Conference 12,79
United Brethren (Old Constitution) 20,972	General Conference
United Brethren 322,044	
United Brethren (Old Constitution) 20,972	Old Amish 1,93
Total 343,016	Old Amish 11,11.
10(d(Other 12,33
GERMAN EVANGELICALS,	Total 57,33
German Evangelical Synod 290,803	57,33
German Evangelical Protestant 34,704	CHURCH OF THE NEW JERUSALEM.
	CHURCH OF THE NEW JERUSALEM, (SWEDENBORGIANS.)
SPIRITUALISTS.	Communicants ross
Communicants in 1914200,000.	General Convention
EVANGELICAL BODIES.	General Church
Communicants, 1914.	
Communicants, 1914. Evangelical Association 115,243 United Evangelical Church 75,050	Total 9,67
United Evangenear Church 75,050	
Total 190,293	SALVATION ARMY.
	Communicants, 191427,893.
BRETHREN.	Comment of the state of the sta
Communicants, 1914. Dunkards 121,475 Plymouth Brethren 10,566 River Brethren 4,993	Commander of United States Forces Evangelin C. Booth. National Heading. C. Booth. National Heading. L. Booth. National Heading. Volunteers of Alberto. — Presidents, Genera and Mrs. Ballington Booth; National Secretary, Colonel James W. Mertill; Head quarters, 34 West Twenty-eighth Street, New York City.
Dunkards	veth Street New York City
River Brothren	VOLUNTEERS OF AMERICA - Presidents Conous
4,903	and Mrs. Ballington Booth : Nathwal Secre
Total 136,944	tary, Colonel James W. Merzill: Head
	quarters, 34 West Twenty-eighth Street, Nev
FRIENDS Communicants 1914 Orthodox Friends 98.356 Hicksite 19.527 Wilhurite 3.8856 Primitive 177	York City.
Orthodox Friends	
Hicksite 98,350	MISCELLANEOUS.
Wilburite 2,880	Amana Society (Communistic) 1,75
Primitive	Buddhists
	Catholic Apostolic. 3,10 Catholic Apostolic. 4,92 Christadelphians 1,41 Christian Catholics (Dowie) 5,86 Christians. 113,88
Total 122,004	Christadelphians
ADVENTISTS.	Christian Catholics (Dowle) 5,86
Communicants, 1914.	Christian Union 15,21
Seventh Day 68,303	Church of God (Winehrennerien)
Advent Christians 25,799 Churches of God 2,815 Life and Advent Union 509 Evangelical 481	Churches of the Living God
Churches of God 2,835	Faith Associations.
Proposition	Christian Union 15,21
avangenent	Friends of the Temple
Total 98,927	Moravians 20,61
	Non-Sectarian Bible Faith 6,39
CHRISTIAN SCIENTISTS.	Pentecostal Bodies 28,94
Communicants, 1914	Polish Catholic 18,500
dent Edward A Merritt - Treasurer Adam	Reformed Catholic
H. Dickey : Clerk, John V. Dittemore : Head.	Shakers (Communistic)
quarters, Boston, Mass.	Social Brethren
	Society for Ethical Culture 2,45
Communicate, 191470.542 MERIOAN UNIVARIAN ASSOCIATION. —President, Rev. Samuel A. Eliof, D.D., Boston, Mass.; Treasurer, Henry M. Williams, Boston, Mass; Secretary, Rev. Lewis G. Wilson, M.A., 25 Beacon Street, Boston, Mass.	Theosophical Society 4.71
AMERICAN UNITARIAN ASSOCIATION - Provident	Universalists
Rev. Samuel A. Ellot, D.D., Boston, Mass.	JEWS.
Treasurer, Henry M. Williams, Boston, Mass :	
Secretary, Rev. Lewis G. Wilson, M.A., 25 Beacon	Number in U.S. in 1910
Street, Boston, Mass.	Number in World, 1910-11 13,277,54
GENERAL CONSEARNOL.—President, William H. Taft, New Haven, Conn.; Treasurer, Percy A. Atherton, 33 State Street, Boston, Mass.; General Secretary, Rev. W. F. Greenman, 684. Astor Street, Milwake, Wis.	UNION OF AMERICAN HEBREW CONGREGATIONS -President, J. Walter Freiberg; Vice President, Charles Shohl; Treasurer, Solomor Fox; Secretary, Lipman Levy, Cincinnati
Atherton de State Street Barter, Percy	-President, J. Walter Freiberg; Vice
General Secretary Ray W F Greenman 69.	President, Charles Shohl; Treasurer, Solomor
Astor Street, Milwaukee, Wis.	Oblo

COMMON SCHOOL ENROLMENT AND AVERAGE DAILY ATTENDANCE, 1912-13.

, States,	Number of Different Pupils of all Ages Enrolled.		Average Daily	Aggregate Number of Days'	
	Boys,	Girls.	Total.	Attendance.	Attendance.
United States	9,328,502	9,280,538	18,609,040	13.613,656	2,152,065.390
North Atlantic Division.	2,219,924 3,026,076	2,203,997	4,423,921	3,541,599	641,195,214
North Central Division .	3,026,078	2,969.718	5:995.796 2,766.169	4,617,363	761,205,078 245,845,305
South Atlantic Division.	2.004,748	2,020,851	4,025,500	1,854,673 2-555,313	331,749.865
Western Division	715,967	681,588	1,397:555	1,044,708	172,068.928
North Atlantic Division :					
Maine	69,622	70,322	139,944	109,363	18,111,940
New Hampshire	31,728	31,276	63.004	50,000	8,585,000
Vermont	32,761	39,064	557,211	51,563 466,686	8,465,843 85,870.224
Rhode Island	42,329	41,998	84.327	66.806	13,002.660
Connectiont	40,303	. 4113029	206.014	161,952	29,881,980
New York	744.601	741,105	1,485,706	1.182.656	223.723.844
New Jersey	341,459	237,476	478,935	378,017	69,177,064
New York New Jersey Pennsylvania North Central Division:			1,343,055	1,074,456	184,376,650
North Central Division :			0		
Ohio	440,735	429,877 266,484	870.612	683,999 425,697	54.947.542 64.216.780
Illinois	271,016	499-977	537,500	872.365	z39.578.546
Michigan	510,230	42212//	572,201	440,595	75,782.340
Wiscousip			424,718	311,718	52,368.770
Minnesota			448,857	337,98x	54,664,350
Iowa			488,171	369,874	64,199,460
Missouri	348,019	342,465	690,484	494,309	79.564.593 14.821.265
North Dakota (1912) South Dakota	72,552	69,882 64,932	142,434	94,060 87,792	14,660.791
Nebraska	67,832 141,897	141,951	283.848	203,197	34.519.169
Kansas	197,695	106.307	303.002	295,776	50,873.472
South Atlantic Division :	-9/1-93	-3-1-37	373.77		
Delaware (estimated) .			35,950	22,560	3,835,200
Maryland			237.835	155,007	27,668.750
District of Columbia	28,221	29,932 216,627	58,153	46.468	38,446,776
Virginia West Virginia	211,310	142,626	427:937 289.951	202,651	30,440,770
North Carolina	147:325	142,020	599.647	408,464	27,763,187 49.824.839
South Carolina			361,161	238,168	21,684.952
Georgia	287,049	3º3-759	590,808	360,749	54,336.390
Florida	80,018	84,709	164.727	118,630	14,211,479
South Central Division:			and the same		
Kentucky	267,990	264,206	532,196	294,550	41,089.725
Tennessee			544,017	374-333 263.252	32,195,720
Alabama Mississippi	344 707	248,049	433:195	301.022	37.136.406
Louisiana	244,707	149,814	293.522	197,968	26,131,776
Texas	411,334	419,308	820 642	560.173	73,942.853
Arkansas	214,260	215,202	429.642 469,809	278,929	35,451.876
Oklahoma	236,105	233,704	469,809	284,186	37,512.552
Western Division:			75,806	54,560	0,084.000
Montana Wyoming		12.637	27:536	20.652	3,787,288
Colorado (1912)	13,909 89,932	87,496	177,428	120,326	21,057.050
New Mexico	34,257	30,270	64,527	43,034	5,732,107
Arizona	18,459	16,701	35,160	25,003	3,887.967
! Utah	48,105	46,638	94,743	76,659	12,188.781
Nevada(1913)	5,728	5,370	11,098	8,190	1,187.594
Idaho			88,860	67,093 171,628	30,238,392
Washington	116,544	113,499	229,993 145,488	171,080	17,641.000
Oregon	230,121	216,795	446,916	340,736	58,051.488
Camorina	250,131	220,795	: 440,910	3401730	1 2-1-2-1400

TOTAL ATTENDANCE AND INCOME OF HIGHER EDUCATIONAL INSTITUTIONS.

	Attendance.					
Year,	Men.	Women.	State and Cits	Invested Funds,	Fees for Tuition.	
1907-08 1908-09 1909-10 1910-11 1911-12 1912-13 1913-14	106,945 119,480 - 119,578 119,026 125,750 128,644 139,373	54,825 62,997 64,005 64,546 72,703 73,587 77,120	\$ 9,649,549 10,414,780 14,261,360 14,707,243 18,323,878 19,049,823 23,400,540	\$ 11,058,327 11,652,678 12,276,200 13,293,446 14,225,408 16,569,808 17,220,604	\$ 15,390,847 16,579,964 17,048,850 18,493,120 20,062,353 20,919,176 22,504,520	

ENROLMENT AND COST OF SCHOOLS OF ALL CLASSES, 1913.

Classification.	Enrolment,	Estimated per capita cost.	Estimated total cost.
Public elementary schools [Dullic high scho	1,134,771 1,590,518 148,238 83,813 266,815 94,455 100,557 50,818 13,518 4,973 10,798 34,413 3,563 3,000	\$26.17 56.54 32.00 94.10 157.47 335.57 158.34 50.00 157.92 300.80 498.34 555.42 116.69 56.13 50.00 32.00 32.00	\$457,386,4#3 64,159,952 50,896,576 13,1949,196 13,198,033 80,535,110 14,956,005 8,022,135 4,066,191 2,478,267 5,997,466 4,015,7#0 200,000 1,090,000 1,090,000
Total	21,207,513	35-31	748,736,864

SUMMARY OF SCHOOL POPULATION,* ENROLMENT AND EXPENDITURE, 1900-1913,

School Year.	Population, 5 to 18 years of Age.	Pupils Enrolled.	Teachers.	Salaries of Teachers.	Expenditure,
1900	21,404,322	15,503,110	423,062	137,687,746	214,964,618
1901	21,982,797	15,688,60z	431,783	143,286,204	227,465,664
1902	22,278,693	15,917,385	441,81Q	151,443,681	238,262,200
1903	23,055,00X	15,999,717	449,864	157,635,732	252,804,081
1904	23,028,748	16,256,038	455,242	167,824,753	273,216,227
1905		16,468,300	460,260	177,462,081	291,616,660
1906		16,641,970	466,063	186,483,464	307,765,650
907	24,262,936	16,890,818	481,316	202,047,814	336,898,333
1908	24,613,763	17,061,962	495,463	219,780,123	371,344,410
1909	24,239,820	17,506,175	506,453	237,013,913 .	40x,397,747
1910	24,360,888	17,813,852	523,210	253,915,470	426,250,434
IIQI	24,745,562	18,035,118	533,606	266,678,471	446,726,929
1912	25,167,445	18,218,003	549,313	283,798,53¥	482,315,142
1913	25,587,331	18,609,040	565,483	304,431,681	521,546,375
014	25 400.028	18 522 568	954 450	202 527 840	TOLOTE TOO

^{*}Includes public, graded, and high schools, but excludes private schools.

ILLITERACY IN THE UNITED STATES, 1910.

State.	Illiterate Persons, 10 years of age and over, 1910.							
State,	Males.	Females.	Total.	White.	Negro,	Males of Voting Age.		
Alabama (6)	173,726	178,984	352,710	87,082	265.6a8	124,494		
Arizona (8) Arkansas (7) California (9)	18,183	14.770	32,953	32,831	122	14,463		
Arkansas (7)	71,243	71,711	142,954	56,556	86,308	53,440		
Colorado (8)	47,574	27,328 11,100	74,902	73-573	1,329 846	42,787		
Connecticut (x)	12,680 25,785	27,880	23,780 53,665	22,924 52,873	792	23,562		
Delaware (5)	7,022	6,218	13,240	6,895	6.345	6,272		
Delaware (5) District of Columbia (5)	5,410	8,402	13,812	2,998	10,814	5,082		
Florida (5) Georgia (5)	39,482	38,334	77,816	18,313 81,136	59,503 308,630	29,886		
Idaho (8) Illinois (3)	3,831	193,749	389,775 5,453	5,416	300,039	3,416		
Illinois (3)	86,729	81,565	168,294	158.581	9.713	79,433		
muiana (3)	35,956	30,257	66,213	59,254	6,959	33,583		
Iowa (4)	15,633	14,256	29,889 28,968	28,617	1,272	14,204		
Kentucky (6)	16,122	98,207	208,084	150,184	5.341 57,900	14,716 87,516		
Kansas (4) Kentucky (6) Louisiana (7)	171,423	180,756	352,179	98,031	254,148	118,716		
	15,006	9,548	24,554	24,461	93	13,070		
Maryland (5)	36,556	39,84x	73:397	31,108	42,289	31,238		
Massachusetts (1)	67,647	73,894 33,183	74,800	138.957 73.974	2.584 826	61,909 38,703		
Minnesota (4)	25,819	23,517	49,336	49,121	215	23,603		
Michigan (3) Minnesota (4) Mississippi (6)	145,702	144,533	290,235	30,797 88,054	259,438	107,843		
Missouri (4) Montana (8)	58,106	53,010	111,116	88,054	23.062	51,284		
Montana (8) Nebraska (4)	9,585	4,562 8,520	14,457	14:343	482	8,8xz 8,545		
Nevada (8)	2,820	z,873	4,702	4,676	26	2,399		
Now Hampshire (x)	0,210	7,176	16,386	16,335	51	8,413		
New Jersey (2) New Mexico (8) New York (2) North Carolina (5).	57,047	56,455	113,502	106,097	7.405	gr,086		
New Mexico (8)	20,965	27,732	48,697	48,506	191	16,634		
North Carolina (r)	187,107	149,389	291,497	135,194	5,768 156,303	170,030		
North Dakota (4)	6,645	6,425	13,070	13,044	26	5,467		
Ohio (3)	68,385 35,876	56,389 31,691	124,774	114,314	10,460	62,998		
Oklahoma (7) Oregon (9)		31,691	67,567	49,709	17,858	28,707 6.460		
Pennsylvania (2)	7,214	3,290	354,290	339,652	14.638	179,982		
Rhode Island (1)	16,192	17,662	33,854	33,104	752	14:456		
South Carolina (s)	133,126	143,854	276,980	50,738	226,242	90,707		
South Dakota (4)	6,216	6,534	12,750	12,712	38	5,550		
Tennessee (6)	112,986	137,002	231,071	122,530	98,541	86,677 109,388		
· Utah (8)	3,990	2.831	6,821	6,772	49	3,477		
Vermout (r)	6,486	4,320	10,806	10,737	69	6,039		
Virginia (5)	121,329	111,582 6,692	18,416	83,961	148,950	92,917		
West Virginia (c)	11,724	38,355	74,866	64,519	10,347	35,040		
Washington (9) West Virginia (5) Wisconsin (3)	20,450	28,319	E7.760	57.656	113	27,038		
Wyoming (8)	2,869	1,005	3,874	3,772	102	2,594		
New England (1)		140.480	280,806	276,465				
	140,326	431,324	873,812	846.00x	4.341 27.811	401,008		
East North Central (3)	262,137	229.713	491,850	463,779	28,071	241,755		
East North Central (3)	138,030	125,108	263,138	232,702	30.436	123,369		
South Atlantic (s)	723.570	720,724	1,444,294	474,86z	969,432	540,246		
East South Central (6)	542,291 424,354	529,809	845,604	39°,593 361,58s	681,507 483,088	406,530		
Mountain (8)	25,242	65,495	140,737	139,240	1.497	63,138		
West South Central (2) Mountain (8) Pacific (9)	75,242 66,512	37,310	103,822	102,208	1.614	59,827		
United States	2,814,950	2,701,213	5,516,163	3,888,438	s,227,731	2,273,603		

NUMBER OF PAUPERS AND OF DELINQUENTS AND INSANE,

State.	Paup Almshou	ers in 1965, 1910.	Juveni quen	le Delin- is, 1904.	Sentenced	Prisoners,	Insa Hospita	oo in ls, 1910,
7,0000	Number.	Per 100,000,	White, per zoo,ooo.	Colored, per roo,ooo.	Number.	Per 100,000.	Number.	Per 200,000,
Alabama (6)	742 269	34'7 131'6	3°7 32°3	3.3	3,693 645	172°7 315°6	2,039 337	95'4 164'9
California (9) Colorado (8)	534 4,646	33*9 195*4	31.0	47.4	1,330 4,360	84°5 183°4	1,093 6,653	69.4
Connecticut (z) Delaware (5)	2,244	93.8	46°7 67°8	384°8 606°4	1,232	154°2 136°4	1,199 3:574	320.6
Dist. of Columbia (5) Florida (5)	366 276	180'9 83'4	37.0 55.9	133.3	290 787	143'3 237'7	2,890	872.0
	207 813	31.2	22.8 22.9	21.2 2.3	1,845 6,795	245°1 260°4	849 3,132	112.8
Idsho (8) Illinois (3) Indiana (3) Iowa (4)	97 5,450	39.8	24'5	261'Q	289 5.152	88·8 91·4	388 12.838	119'3
Indiana (3)	3,114	115.3	28.2	295°0 477°8	2,877	106.2	4,529 5,377	167.7
Kentucky (6)	735 1,523	43°5 66°5	18·9 9·4	193.8	2,529	149.6	2,912 3,538	172'2
Louisiana (7)	187	11.3	3.5	2.0	2,448	147.8	2,158 1,358	130.3
Maryland (5)	945 1,688 6,555	130.3	79.8	131 6 133 9	2,146 6,710	165.2	3,220	248.6
Michigan (3) Minnesota (4) Mississippi (6)	3,001	100.8	37°9 43°9	276.6	2,592	35.3 130.3	6,699	344·6 238·4
Mississippi (6) Missouri (4)	437	33'I 24'3	19.9	104.2	1,632 2,312	78.6	4,744 1,978	110.1 238.2
Montana (8)	2,412 415	73'2	17.5	95°8 64°5	3,570 962	255.8	6,170	185.3
Nebraska (4) Nevada (8)	551 159	194'2	12.0	61.4	658 289	55°2	1,991	167.0
New Hampshire (1) New Jersey (2)	991 2,135	330's	44°1 28°4	189'2	508 2,978	118.0	909 6,044	238.2
New Mexico (8) New York (2) North Carolina (5)	12,176	133.6	77'8	23212	410	137 3	31,279	66.9
North Carolina (5) North Dakota (4)	1,389 81	63.0	13.8		1,398 367	63.4	2.522	114.3
North Dakota (4) Ohio (3) Oklahoma (7) Oregon (9)	8,078	169.2	35.	304.1	4,004 1,677	84.0	10,594	222.2
Oregon (9) Pennsylvania (2)	349 9,607	21.0	23.2	165'2	627	93.5	1,565	232.6
Rhode Island (r) South Carolina (g)	769 478	141.4 141.4	76.6	368.3	729	134'4	1,243	229'1
South Dakota (4) Tennessee (6)	145	24.8	16.3	14'4	1,743 283	48.3	1,541 864	148.0
Texas (7)	1,569 863 181	22,1 21,8	 zs.3	-11.4	2,812 4,307	128.7	2,205 4,053	100.0
Utah (8) Vermont (z)	383	48.5	27°9 39°7	70'0	394 397	105.2	342 990	91.6
Vermont (z) Virginia (5) Washington (9)	1,681 564	81'5 49'4 66'2	30.8	19,1	3.295 1,851	162.1	3,636 1,988	175'4
Wisconsin (3)	808 1,775	76°1	30.0	89°5	1:473 1,675 288	21.8	6,586	282'2
Divisions.	19	13.0			288	197'3	162	III,0
New England (z) Middle Atlantic (z)	11,887	181'4	45'5	298.5	10,595	161.7	19.576	298.7
East North Central (2)	21,418	117'4	49°7	192'0	23,698 16,300	192'7	52,383	271'2
West North Central (4) South Atlantic (5)	6,376	54'8	30,0	153,5	10,392	89.3 89.3	22,686	194'9
West South Central (6)	4,271	18.6	8.0	2.3	11,713	130.3	9,760 8,413	95.8 116.1
Mountain (8)	1,634 1,650 5,559	62.7	a6.6 a6.6	59°1	4,509	121.3	3:575	135.8
United States		91.8	29.7	34.4	113,579	193.2	187,798	204.3 343.4

Cont.	Require-	Require- Previous Residence in						
State.	ments.	State,	County.	Town.	Precinct.	sions,		
Alabama	E.	2 years	r year	3 months	3 months	K.		
Arizona	Α.	I Vest	30 days	30 days	30 days	K.		
Arkansas	E.	X 11	6 months	30 11	30 1,	N.		
California	·Ā.	X - 33	go days		30 11	M. K. K.		
Colorado	A.	¥ 11.	90 11	30 days	10 11	K.		
Connecticut	C.	X 13	90 11	6 months	1 22	K.		
Delaware	B		3 months	o Litoureno	30 days	K.		
District of Columbia	No Vote	X 33	3 monene.	-	30 0000			
	B.	x year	6 months	6 months	6 months	2		
Florida	H.		-			1 7		
Georgia		6 months				(TR		
Idaho	A.		30 days	3.00		T.		
Illinois	I.	r year	90 21	30 days	30 days	The Die		
Indiana	E.	6 months	e a	60 ,,	30 11-	S. K. P. K. N.		
Iowa	B.	6 ,,	60 days		10 17	N.		
Kansas	A.	6. ,,	30 ,,,	30 days	IO 33	K. K. O. K. K. T. O. P. K. O. K. M.		
Kentucky	B.	I Year	6 months	***	60 ,,	K.		
Louisiana	D.	z years	r year		6 months	K.		
Maine	B.	3 months	3 mouths	3 months	3 11	0.		
Maryland	B.	r year	6 ,,	6 11		K.		
Massachusetts	C.	I "	6	6 .,,	6 months	K.		
Michigan	E.	6 months	20 days	20 days	so days	T.		
Minnesota	B.	r vear	30 11	30 11	30 11	0.		
Mississippi		z-years	r year	I Vesr	z vear	P.		
Missouri	E.	I year	60 days	60 days		K		
Montana	B.		30 11	oo aaja		0		
Nebraska	· E.	6 months	40 11	30 days	zo days	K		
Nevada	B.					35		
	B.	7 27	6 months -	6 months	6 months	17		
New Hampshire	B.				O Intontalis	II.a		
New Jersey		r year	5 ,,,			D.		
New Mexico	B.	I 59	90 days	37	30 days	.0,		
New York	B.	X 25	4 months	90 days	90 11.	25.		
North Carolina	B.	a years	6 ,,		4 months	K.		
North Dakota	F.	ı year	6 ,,	90 days	90 days	K. K. O. K.		
Ohio	B.	S 29	30 days	20 ,,	20 11	N.		
Oklahoma	B.	2 33 .	6 months		30 11	K.		
Oregon	A. E.	6 months				K. K. K.		
Pennsylvania	B.	r year			2 months	K.		
Rhode Island	B.	2 Years		6 months		K.		
South Carolina	B.	2 ,,	r year	4 22	4 months	K		
South Dakota	E. F.	6 months	30 days	to days	10 days	N.		
Tennessee	В.	I year	6 months		1	K		
Texas	E.	I Joan	2 11	6 months	Actual -	N		
Utah	B.			- THOMBUILD	60 days	Tr		
Vermont	B.			2 months	3 months	K.N.K.R.		
	D.		3 "	z year		I II		
Virginia	.A.	z years .	oo days	20 days	30 days	1 4		
Washington				30 uays	Actual	O.		
West Virginia	J.	I pj	60 ,,			I A		
Wisconsin	F.	X 27	e 3		ro days	8. L		
Wyoming	1 A.	I -11	60 days	to days .	XO 24	T. Te.		

to vote on January 1, 1867.

E.—Male Citizen of the U.S. or alien who has

I.—Citizen of the U.S., male or female, zr years or over; but females may not vote for State officers named in the State Constitution.

ion in English and to when his hame

M.—As in K and L and natives of China.

N.—As in K, and U.S. soldiers, sailors, and
aarines on duty in the State.

O.—As in K, and Indians not taxed or

POPULAR VOTE BY STATES, 1912.

STATES.	Democrat.	Republican, Teft.	Progressive. Roosevelt.	Socialist. Debs.	Prohibition.	Socialist-Lah, Reimer.	Plurality.
Alabama	8z,438 10,324 68,838	9,732 3,021 24,467	22,680 6,949 21,673	3,029 3,163 8,153	265 898		59,758 D 3,375 D 44,372 D
Colorado		3,914 58,386 68,324	283,610 72,306 34,129	79,201 16,418 10,056	#3,336 5,063 #,068	475 1,260	774 P 41,926 D 6,237 D
Delaware	22,631	15:997	8,886	- 556	623	to and to	6,634 D
Florida	36,417	4,279	. 4,535	4,806	1,854		3r,611 D
Georgia	93,076	5,191	21,980	1,028	149		71,096 D
Idaho	33,921 405,048	32,8xe 253,593	25,527 -386,478	11,960 81,278	1,537	1,550	r,rrr D
Indiana	281.800	151,267	162,007	36,931	15,710	4,066 3,130	18,570 D 119,883 D
Iowa	185,325	119,805	161,819	16,967	8,440	3,130	23,506 D
Kansas Kentucky	143,663	74,845	120,210	26,779 11,647	3,233	956	23,453 D 104,072 D
Louisiana	61,035	3,834	9,323	5,249	3:*33	. 950	51,712 D
Maine	51.113	26.545	48,403	2,541			2.620 D
Maryland	112,674	54,955	57,789	3,996	945	323	56,885 D
Massachusetts	173,408	155,948	142,228	12,616	2,754	1.102	17,460 D
Michigan	150,751	152,244	214,584	23,211	8,934	1,252	62,340 P
Minnesota	106,426	64,334	125,856 3,646	27,505	7,886	2,212	19,430 P
Mississippi	57,227 330,746	207,821	124,371	2,062 28,466	5,380	1,778	53,58x D
Montana	27,941	18,512	22,456	10,885	5,300	1,770	5,485 D
Nebraska	109,008	54,216	72,689	10,185	3.383		36,319 D
Nevada		3,196	5,620	3,313			2,366 D
New Hampshire .	34,724 178,289	32,927 83,835	17:794	1,981 15,901	535 2,871		1,797 D 32.870 D
New Mexico	20,437	17,733	8,347	2,859	2,071	1,321	2,704 D
New York	655,475	455,428	390,021	63,381	19,427	4,251	200,047 D
North Carolina	144,507	29,139	69,130	. I,025	117		75-327 D
North Dakota	29,555	23,090	25,726	6,966	1,243		3,829 D
	424,834	278,168	229,807	90,144	11,511	2,630	146,666 D
*Oklahoma Oregon	119,156 47,064	45:393 34:673	45,393 37,600	4z,26z 13,343	2,185		28,370 D 9,464 D
	395,619		447.426	80,015			51,807 P
Pennsylvania		273:395	16,878	100	19,533	704	
Rhode Island South Carolina	30,142 48,355	27:703		2,049	010	236	2,709 D
South Dakota	48,942	536	7,393 58;811	4,662	3,918		47,062 D 9,869 P
Tennessee	130,425	60,674	54,041	3,498	834		69,75x D
Texas	219,489	28,530	26,745	24,896	1,698	430	190,959 D
Utah	36,579	42,100	24,174	9,023		509	-5,521 R
Vermont	15,354	23,332	22,132	928	1,095		1,200 R
Virginia	90,332	23,288	21,777	820	709	50	67,044 D
Washington	86,840	70,445	113,698	40,134	9,810	: 1,872	a6,858 P
West Virginia	113,046	55,667	78,977	15,336	4:534		34,069 D
Wisconsin	15,310	130,695	62,460	33,490 2,760	8,586	527	33,533 D 750 D
Wyoming		14,500		4,700	434		750-D
Total	6,292,670	3,441,568	4,169,482	898,538	207:559	29,083	

* The vote in Oklahoma for a joint Republican and Progressive electoral ticket, 90.785, is divided between the

POPULAR VOTE .- Democrat (Wilson) over Progressive (Roosevelt) 2,123,188

ELECTORAL VOTE BY STATES, 1900 to 1912.

		00.	19	04.	. 109	08, .		zgzz,	
State.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dens.	Prog.
Alabama		XX '		II	F	22	***	IS.	110
Arizona			***				234	3 .	6470
Arkansas		8	***	9		9		9	
California	9		IO		IO			1 2	XX
Colorado		4	5			. 5		6.	***
Connecticut	6 .		7 -		7			7	010
Delaware	3		3		3			3 6	***
Florida		4		- 5		5			
Georgia		13		33		13	100	24	-940
Idaho		3	3	***	3			- 4	617
Illinois	24		27	***	37	***		29	Fex
fndiana	- 15		15	940 .	15	410		75	811 .
Fowa	13		13	***	.13	***		13	845
Kansas	. 10		IO	***	TO				810
Kentucky		13	***	13		13		13	000
Maine	6		6	9.	6	9		6	200
Maryland			1	7 .	3	6		8	***
Massachusetts	15		16		16			18	***
Michigan	14		14		74			***	15
Minnesota	9		II		11				22
Mississippi	9	9		TO		TO		IO	1
Missouri		17	18	ala.	18		j	78 .	
Montana		3	3		3		1	4	600
Nebraska	8		8	445	3	8		8	
Nevada		3	3			3		3	
New Hampshire	4	3 .	4		4	3		4	1 17
New Jersey	IO		12		18	***		24	
New Mexico								3	
New York	36		39		39			45	
North Ca olina		T.E		12		12		'12	
North Dakota	- 3		- 4		4			5 "	
Ohio	33		23 -		23			34	
Oklahoma						7		10	
Oregon	4.				4			5	
Pennsylvania	32		34		34				38
Rhode Island	4		4		- 4			5	1
South Carolina		9		9		9		9	***
South Dakota	4 -		4		. 4				5
Tennessee		2.3		13		13		1.8	
Texas		15		18	247	18		20	000
I tah	3 '		3.		3	***	4	1 1000	***
Vermont	4		4		4		4		***
Virginia		13		2.3		12	***	12	
Washington	4		5"		5		***		. 7
West Vir inia	6		7	***	7		***	8	
Wisconsin	12		13	***	13		***	13	***
Wyoming	3 -		3		3			3	***
Total	292	155	336	140	321	162	8	435	88

Year.	Area, sq. miles.	Population.	Pop. per sq. mile.	Public Debt.	Gold and Silver	Money in Circulation.
1800 1850 1875 1900 1911 1912 1913 1914	892,135 2,997,119 3,026,789 3,026,789 3,026,789 3,026,789 3,026,789 3,026,789 3,026,789	5,308,483 33,191,876 43,951,000 75,994,575 92,174,515 93,792,509 95,410,503 97,028,497 98,646,491	6°12 7°88 14'78 25'55 30'99 31'54 32'68 32'63 33'17	82,976,295 63,452,774 2,090,041,170 1,107,711,258 1,045,449,185 1,015,784,338 1,027,574,697 1,038,564,055 1,627,251,009	16,000,d00 147,395,456 25,000,000 752,856,806 798,894,238 800,153,310 826,097,926 834,936,062 841,810,864	\$ 26,500,000 278,761,982 754,101,947 2,055,150,997 3,102,355,605 3,214,002,596 3,384,513,094 3,363,738,449 3,402,015,427

UNIVERSITIES AND COLLEGES OF THE U.S.

STATE UNIVERSITIES AND COLLEGES.

m, For Men only; w, Women only; c, Co-educational; n, For Colored students. The figures of attendance, etc., are for the college year ending June, 1915.

Summer students are not included.

Name.	Location,	Op ed.	President.	Instruc-	Students.
Alabama-					
cUniversity of Alabama cAlabama Polytechnic Inst	University	1831	G. H. Denny, LL.D	135	1,350
Arizona-			C. C. Thach		820
CUniversity of Arizona	Tueson	1891	R. B. von K. Smid	4×	450
cUniversity of Arkansas'	Fayetteville	1872	J. C. Futrall, M.A	. 8o	800
Colorado—			Benj. I. Wheeler, LL.D.	434	4,928
cUniversity of Colorado	Boulder	1877	C. A. Lory, LL.D	266 60	1.350
mColorado State Schl. of Mines		1874	Geo. Haldane	21	1,050 240
CTeachers' College of Colorado	Greeley	1890	_	36	663
cConnecticut Agric. College	Storrs	1881	C. L. Beach, B.S	30	230
mDelaware College	Newark	1834	Saml. C. Mitchell, Ph.D.	28	200
. mUniversity of Florida	Gainesville	1884	A. A. Murphree, LL.D.	65	402
wState College for Women Georgia—	Tallahassee	1905	E. Conradi	30	418
mUniversity of Georgia	Atlanta	1801 1888	D. C. Barrow, LL.D		632
eNorth Georgia Ag. & Mech	Dahlonega		K. J. Matheson, A.M G. R. Glenn	67 15	1,002
Hawaii— cCollege of Hawaii	Honolulu		A. L. Dean	20	128
daho— cUniversity of Idaho	Moscow	1892	Melvin A. Brannon	70	562
Illinois—	Urbana	1868	E. J. James, Ph.D		
Indiana— cIndiana University	Bloomington				5,539
Purdue University	Lafayette	1824	W. L. Bryan, Ph.D W. E. Stone, LL.D	113	2,620 2,399
State University	Iowa City				
Coll. of Agric. & Mech. Arts	Ames		T. H. McBride, Ph.D R. A. Pearson	275 250	2,900 4,000
cState Teachers' College	Cedar Falls	1876		226	2,174
cUniversity of Kansas	Lawrence	1866	F. Strong, LL.D	200	2,625
State Agricultural College	Manhajtan	1863	H. J. Waters, LL.D	239	2,239
cState University	Lexington		H. S. Barker, A.M		1,215
Louisiana	Louisville	1837		123	58x
CLouisiana State University	Baton Rouge	1860	T. D. Boyd, LL.D	87	I,434
cUniversity of Maine	Orono		R. J. Alcy, M.A	130	1,150
mMaryland Agricultural Coll. Massachusetts	College Park	-	H. J. Patterson, D.Sc	40	488
oMassachusetts Agric. Coll Michigan—	Amherst		K. L. Butterfield,	60	606
e University of Michigan e Michigan Agricultural Coll.	Ann Arbor East Lansing		H. B. Hutchins	460	6,258
	Houghton		J. L. Snyder, LL.D F. W. McNair, D.Sc	130	2,010
Minnesota— cUniversity of Minnesota	Minneapolis	1869	G. E. Vincent, LL.D		8,972
CUniversity of Mississippi	University	1848	A. A. Kincannou	32	354
cMississippi Agrie. & Mech.C.	Agricultura Coll.	188c	G. R. Hightower	77	1,150
cMississippi Agric. & Mech.C. ncAgric. & Mech. College wMississippi Ind. Inst. & Coll.	Columbus	1871	J. A. Martin, B.S H. L. Whitfield	. 65	472
Missouri					730
cUniversity of Missourl	Columbia	1847	A. R. Hill, LL.D	254	3,349

Montana School of Mines Butte 1990 C. H. Bowman 7 7 8 7 1 1 1 1 1 1 1 1 1						
citate University College Bosemanh. 1895 Citate College Boste . 1895 Citate College . 1895 Citate Colleg	Name.	Location.	Op'ed.	President.		Students.
celtate University Missoulia	Wanters 5 5					
Monthala School of Mines Monthala School of	aState University	Missonla	180¢	R. B. Craighead, LL.D.	54	434
Collaboration Collaboratio	eMontens &c College	Rozeman	1802	J. M. Hamilton, M.S	40	224
New New Section Sectio	Montana School of Mines	Butte				56
Nevala	Nebraska-					
### CHINGENSTRY Of New Mexico 1860 Archer W. Hendrick 43 33 47 48 48 48 48 48 48 48	cUniversity of Nebraska	Lincoln	1871	S. Avery, LL.D.	355	4.133
New Hampshire-	Nevada			(Chanceller)		
Coli, of Agric, & Mech. Arts Durham 1869 E. T. Fairchild, A. 59	cUniversity of Nevada	Reno	1886	Archer W. Hendrick	43	330
New Mexico-	New Hampshire-	Dairban	-060	P T Estrobild A M	70	478
Comparison of New Mexico Albennerque 159 D. R. Boyd, Ph. D. 21 18 18 18 18 18 18 18	CUOH. Of Agric. & Mech. Arts	Durnam	1000	E. I. Patterno, A. M.	30	4/0
N.M. Ag. & Mech. Mesilla Park. 1595 N.E. Garrison. 38 25 25 25 25 25 25 25 2	all niversity of New Mexico	Albuquerone	1801	D. R. Boyd, Ph.D	21	116
Section Sect	N M Ag & Mech	Mesilla Park	1800	W. E. Garrison	38	272
New York	New Mexico School of Mines		1805	F. A. Jones, C.E	7	36
North Carolina—	New York-					
North Carolina	mCollege of the City of N.Y.	New York	1849	Sidney E. Mezes, Ph.D.	225	8,465
March Daloos	Worth Carolina					1 .
Morth Dakod Agric Coll. Agricultural Coll. \$50, Morth Dakod Agric Coll. Agricultural Coll. \$50, Morth Dakod Agric Coll. Agricultural Coll. \$50, Morth Dakod Agricultural College	cUniversity of North Carolina	Chapel Hill	1795	Edward K. Graham	92	970
Cluiversity of North Dakota Cuiversity Saga F. L. McVey, LLD. 99 1.2	mColl. of Agric. & Mech. Arts	West Raleigh	1889	D. H. HIII, LL.D	02	729
Control Dakota Agric. Coll. Agricultural Coll. 18p0 J. H. Worsk, Ll.D. 65 18p0	North Dakota—		1	F T Mallow TV D		
Obise Care State College Care St	cuniversity of North Dakota	University	1004	T H Wonst 11 D	60	
Columbus 15-20 W. O. Thompson, D.D. 477 496 497 496 497 496 497 496 497 496 497 496 497 496 497 496 497	eNorth Dakota Agric. Coll	Agricultural Coll.	1090	J. 11. 11 0150, 111.D. 111.	ده	1.050
Comparison Com		Columbus	1274	W O Thompson, D.D.,	417	4.943
eMinant University City). Oxford 5264 R. M. Hughes, A.M. 68 65 1000600 University City). Dieleo 529 152 152 152 152 152 152 152 152 152 152	eOhio University	Athens	1808	A. Ellis, Ph.D.	QR	2,276
Cicloido University (City)	cMiami University		. 1824	R. M. Hughes, A.M	. 48	650
Oklahoma Oklahoma Sept Sp. Brocks, Ll.D. 85 233 236 23	cToledo University (City)	Toledo	1872	-	82	219
Solid Soli	Oklahoma-					
Moklahoma School of Mines	cUniversity of Oklahoma	Norman	1892	S. D. Brooks, LL.D	130	1,377
Organ	cOklahoma Agricultural	Stillwater	. 1891		85	2,376
Clariversity of Oregon Engene 1896 P. L. Campbell, III. 138		Wilburton	1909		7	55
Pennsylvania	Oregon-		1	D. T. Commball van		
Pennayi-valaia Carlo College 1855 E. E. Sparks, LL.D. 245 3.95 C. Carlo College 1855 C. E. Sparks, LL.D. 245 3.95 C. Carlo College 1855 C. M. Sainton, R.S. 24 24 24 24 24 24 24 2		Eugene	1870	F. L. Campben, Lab	. 100	
State College State College Sept State College State College Sept State College State College Sept State College Sept State College	estate Agricultural Coll	Corvaius	1870	W J. E.CIT, D.SC	131	2.435
Partic Rico- College	estate College	State College	1800	E E Sparks LLD	245	3.500
College Coll	Porto Rico-	Deute Corregement	1033	2 2 1	1	3.3
Rhobe Inhand— State College St	cliniversity of Porto Rico	Rio Pedras	1003	E. M. Baintor, B.S	. 74	912
State College	Rhode Island-		-3-3			
Clusteristy of South Carolina Columbia 3605 William S. Currell 37 850 Clusteristy 352 Cl. 2. 2. 2. 3. 3. 3. 3. 3	cState College	Kingston	. 1890	Howard Edwards, LL.D	. 28	275
Military College	South Carolina-		1	1		3
South Mactos of South Bales Commission 1885 Commission 1886 Commission 1	cUniversity of South Carolina	Columbia	. 1805	William S. Currell	37	55x
South Mactos of South Bales Commission 1885 Commission 1886 Commission 1	mCltadel Military College	Charleston	- 1842	Col. U. J. Bolid	1 15	816
Comparison Com	melemson Agricultural Coll.	Clemson Conege	1093	W. M. Miggs, B.S	- 04	1 010
Tennesce- Commerce	all niversity of South Dekete	Vermilion	-98-	Robert T. Slaule	1. ee	450
Tennesce- Commerce	eAgricultural College	Brookings	1884	R. C. Perisho	70	903
Tennesce- Commerce	cSchool of Mines	Rapid City	1885	C. C. O'Hara	. 13	83
University of Tennessee Knocwille 1994 Brown Ayres 201 34		1	1			1
Texas	University of Tennessee	Knoxville	1794	Brown Ayres	201	3.189
mAgric, & Mech. Gollege College Station. 1895 C. Puryear, M.A. 66 St. Take City. 1895 C. Puryear, M.A. 1895 C.	Texas-					
adarric, & Mech. College Station. 1895 L. Puryear, M.A. 50 and College Station. 1895 L. Puryear, M.A. 50 and College Station. 1895 L. Puryear, M.A. 50 and College Station. 1895 L. A. Widdse, Fib. 50 and College Station. 1895 L. A. Widdse, Fib. 50 and College Station. 1895 L. A. Widdse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Middse, Fib. 50 and College Station. 1895 L. A. Beryan, M.D. 50 and College Station. 18	cUniversity of Texas	. Austin	. 1883	0.0		2,617
Clulversity of Utah	mAgric. & Mech. College	. College Station	. 1876	C. Puryear, M.A	. 80	888
Chiah Agricultural College	Utah—	C-14 Y-2- OVE-		T T Winnehman ph n		
Vernout Conversity Vernout Burlingten 1800 O. P. Beaton, D. D. 100 60 Ciniversity of Virginia Charlotteaville 1885 E. A. Alderman 123 4 32 4	cuniversity of Utah		1850	J. 1. Kingsbury, Ph.D.	00	
Cluiversity of Vermout Barlington 5500 G. P. Beaton, D.D 200 Virginia Virginia Military Institute Lexington 1895 G. A. Addreman 23 1997 Gen. E. W. Nicholis 24 23 1997 Gen. E. W. Nicholis 24 23 1997 Gen. E. W. Nicholis 24 24 25 1997 Gen. E. W. Nicholis 24 25 1997 Gen. E. W. Nicholis 25 1997 Gen. E. W. Nic	Cutan Agricultural College	Logan	. 1090	J. A. Wittisoe, Ph.D	. 00	850
Virginia- of Vir	all niversity of Vermont	Raplington	-200	G P Renton Dn -	700	600
Mulversity of Virginia Charlotteaville 1885 E. A. Alderman 203 10 10 10 10 10 10 10			. 1000			
Childrenity Washington Seattle 1861 Henry Suzzalo 179 139 130	mUniversity of Virginia	. Charlottesville	1825	E. A. Alderman	-1 103	919
Cluivestiy O'Mahington Seattle 1862 Henry Suzzalo 179 139 130	m Virginia Military Institute	Lexington	. 1830	Gen. E. W. Nichols	24	
Cluivestiy O'Mahington Seattle 1862 Henry Suzzalo 179 139 130	mVirginia Polytechnic Inst	. Blacksburg	. 1872	J. D. Eggleston, A.B	- 53	
Washington - Cultiverity of Washington Seistle. 586: Henry Suraho. 577 3,3 Cultiverity of Washington Seistle. Pullman 582 L. A. Bryan, Li. D. 577 3,3 West Virginia University of West Virginia University of West Virginia Seistle Sei		. Williamsburg	1693	L. G. Tyler, LL D	20	237
CStato College Pullman 2892 E. A. Bryan, Ll. D. 250 1533 West Virginia - West Virginia University - Morgantown 2868 Wissensin - University of Wisconsin Madison 2868 C. R. Van Hise, Ph. D. 551 6,76 Wwwninz-	Washington-	W. inter				1
West Virginia West Virginia University 93 133 Wissensin 1868 C. R. Van Hise, Ph.D. 55 6,76 Wissensin 1868 C. R. Van Hise, Ph.D. 55 6,76 Wissensin 1868 C. R. Van Hise, Ph.D. 55 6,76	cUniversity of Washington	Seattle	1861	Henry Suzzalo	1 177	3,340
Wisconsin—CUniversity of Wisconsin Madison	cstate College	rudman	1092	L. A. Bryan, LL.D	150	±,537
Wisconsin Madison	West Virginia	Morrentown	-969		- 00	1 200
CUniversity of Wisconsin Madison	Wisconsin	MARKETON II	1008		98	1,392
Wyoming-	cUniversity of Wisconsin	Madison	18/2	C. R. Van Hise, ph n	. Bs.	6.765
Minimanity of Wroming Lorenia 196- C C Baniuray Dh D			1	100000000000000000000000000000000000000	1	10,100
	cUniversity of Wyoming	Laramie	. 1867	C. G. Duniway, Ph D	. 50	423

OTHER UNIVERSITIES AND COLLEGES.

only; w, For Women only; c, Co-educational: n, For Colored Students,

m, For Men only; w, F	or women only; c, (o-equ	cational: n, For Colored S	students	34
Name.	Location.	Op'ed.	President.	Instruc-	Students.
Non-Sectarian-					
wAdelphi College	Brooklyn, N.Y	7806	S. Parkes Cadman, D.D.		
wAgnes Scott College			F. H. Gaines, LL.D.	41 30	506
wAlbert Lea College	Albert Lea, Minn. Alfred, N.Y. Amherst, Mass	1884	F. H. Gaines, LL.D Gertrude S. Kingsland Rev. B. C. Davis, Ph.D.	13	139
cAlfred University	Altred, N.Y	1836	Rev. B. C. Davis, Ph.D.		460
mAmherst College	Vollow Spr Ohio	1853	A. Meiklejohn	43	420
marmour Inst. of Technology		1893	S. D. Fess, LL.D F. W. Gunsaulus	18 56	200
cAtlanta University		1867	Rev. E. T. Ware, A.B	38	527
wBarnard College	New York, N.Y	1889	V. C. Gildersleeve	TOT	418 683
cBates College	Poloit Wie	1863	G. C. Chase, D.D		463
	Rerea Was	1847	E. D. Raton, D.D W. G. Frost, Ph.D	35	375
mBowdoin College		1802	W. de W. Hyde, D.D	53 86	1,717 463
wBryn Mawr College	Bryn Mawr, Pa,	1885	M. C. Thomas, LL.D	66	472
CCarleton College	Northfield, Minn.	1867		34	432
cCarnegie Inst. of Technology	Pittsburgh, Pa Cleveland, Ohio	1905	A. A. Hammerschlag C. S. Howe, Ph.D.	197	3,033
mCase Schl. of Applied Science mCharleston College	Charleston, S.C		U. S. Howe, Ph.D.	48	547
	Worcester, Mass	1790	H. Randolph, LL.D	10 24	83 142
cClark University	Worcester, Mass Worcester, Mass Potsdam, N.Y	1880	E. G. Sanford, Ph.D G. S. Hall, LL.D	27	142
mClarkson Coll. of Technology	Potsdam, N.Y	1896		13	120
cCoe College			J. A. Marquis, D.D A. J. Roberts, A.M	28	508
cColby College	Waterville, Me Hamilton, N.Y	1881	A. J. Roberts, A.M	27	450 496 606
mColgate University	Colo Springs Cal	1819	E. B. Bryan, A.B W. F. Slocum, LL.D	- 44 - 66	490
mColumbia University	New York, N.Y	1754	N. M. Butler, LL.D.	675	4,597
		1800	N. M. Butler, LL.D.	25	287
cCornell University	Ithaca, N.Y	1868		700	6,496
mDartmouth College	Hanover, N.H	1769	E. F. Nichols, LL.D H. M. Bell, LL.D	116	1,392
cDrury College	Des Moines, Iowa.	1873		80	1,408
cEastern College	Springfield, Mo Manassas, Va Elmira, N.Y. Franklin, Ind	1900	H. U. Roop, LL.D Rev. John B. Shaw, D.D.	31	544 200
wElmira College	Elmira, N.Y	1853	Rev. John B. Shaw, D.D.	20	261
cFranklin College cFranklin College cGallaudet College	Franklin, Ind	1834	E. M. Baxter, A.M.	15	206
eGallandat College	New Athens, Ohio Washington, D.C. Washington, D.C. Grinnell, Ia.	1825	E. M. Baxter, A.M	15	127
oGeorge Washington Univ	Washington, D.C.	1821	P. Hall, M.A. C. H. Stockton J. H. T. Main, Ph.D.	189	1,611
Grinnell College	Grinnell, Ia	1847	J. H. T. Main, Ph.D	52	663
mHamilton College	Grove City, Pa Clinton, N.Y	1876		38	360
cHampton Normal & Ag. Inst.	Clinton, N.Y	1812	M. W. Stryker, D.D	20	190
mHarvard University	Hampton, Va	1868 1636	Rev. H. B. Frissell, D.D. A. L. Lowell	130 803	1,309
cHillsdale College	Cambridge, Mass. Hillsdale, Mich	1856	J. W. Mauck, LL.D.	24	4,366 475
cHiram College	Hiram, Ohio	1850	J. W. Mauck, LL.D M. L. Bates, A.M	21	221
mHobart College	Geneva, N.Y.	1822		22	121
cnHoward University	Hiram, Ohio	1867	S. M. Newman, A.M	125	1,500
cKnox College			F. J. Goodnow, LL.D T. McClelland, D.D	240	1,374 576
wLake Erie College	Painesville, Ohio	1859	V. B. Small, A.M	34 26	133
cLawrence College	Painesville, Ohio Appleton, Wis Lebanon, Ohio S. Bethlehem, Pa.	1849		45	620
cLebanon University	Lebanon, Ohio	1855	H. E. Cunningham H. S. Drinker, LL.D J. C. Branner, LL.D	18	300
mLehigh University	Stanford II Cal	1866	J. C. Branner J. F.	75	705
	Stanford U., Cal Glasgow, Ky Cumberland Gap,	1891 1874 1897	M. W. Hatton, LL.D	229	1,879
cLincoln Memorial Univ	Cumberland Gap,	1897	G. A. Hubbell, Ph.D	71	703
Name and College	Tenn.				
cLombard College	Galesburg, Ill	1852	H. W. Hart	19	206
cMarietta College cMass. Inst. of Technology cMiddlebury College	Marietta, Ohio Boston, Mass Middlehury, Vt Oaklaud, Cal	1865	G. W. Hinman, Ph.D R. C. MacLaurin, LL.D.	16	1,800
cMiddlebury College	Middlebury, Vt	1800	J. M. Thomas, D.D.	275 28	337
	Oakland, Cal	1865	L. C. Carson, LL.D.	32 86	199
w.Mount Holyoke College			M. E. Woolley, LL.D		772 6,150
cNew York University	New York City Northfield, Vt	1832	E. R. Brown	450	
	Oberlin, Okio	1833	H. C. King, D.D	181	1,800
cOccidental College	Los Angeles, Cal	1887	J. W. Bær, LL.P	a6	307

140	CINCOL				
Name.	Location.	Op'ed.	President.	Instruc- tors.	Students.
colivet College	Olivet, Mich	1844 1856	E. G. Lancaster, Ph.D	24	200
cOskaloosa College	Oskaloosa, Iowa Nashville, Tenn	1875	B. R. Payne, A.M	- 29	607
wPennsylvania College	Pittsburgh, Pa Chester, Pa Brooklyn, N.Y	1870	C. E. Hyatt	15	251 90
mPolytechnic Institute cPomona College	Brooklyn, N.Y	1884	F. W. Atkinson, Ph.D	42	700 515
mPrinceton University	Claremont, Cal Princeton, N.J	1746	J. A. Blaisdell, D.D J. G. Hibben, LL.D	202	1,599 582
wRadcliffe College (Harvard). mRennselaer Polytechnic Inst.	Cambridge, Mass Troy, N. Y.	1746 1879 1824	Le B. R. Briggs, LL.D P. C. Ricketts, C.E		635
cRipon College	Ripon, Wis	1850 1840	J. H. Gulliver, Ph.D W. F. Blackman, Ph.D C. L. Mees, Ph.D Rev. W. H.S. Demarest, DD	39	222
wRockford College	Winter Park, Fla	1885 1882	W. F. Blackman, Ph.D.	30	200 100
mRose Polytechnic Institute . mRutgers College	Terre Haute, Ind . New Brunsw'k, N.J.	1766	Rev. W. H.S. Demarest, DE	55	445
wSimmons College	Canton, N.F Boston, Mass	1858	H. Lefavour, LL.D.	123	595 1,068
wSmith College		1875	Marion L. Burton A. C. Humphreys, Sc.D.	135	1 384
wSmith College	Hoboken, N.J Swarthmore, Pa Syracuse, N.Y	1875 1871 1869	J. Swain, LL.D	48	420
ASyracuse University	Syracuse, N.Y New York City	1888	J. R. Day, LL.D	300	3,479
cTeachers' College	Philadelphia Pa Pasedena, Cal	1884	R. H. Conwell, D.D J. A. B. Scherer, Ph.D	256	3.525
mThroop Coll. of Technology. cTransylvania University	Levington, Ku	T208	R. H. Crossfield	20	300
mTrinity College	Hartford, Ct Medford, Mass	1824	F. S. Luther, LL.D Herman C. Bumpus		250
cTufts College	New Orleans, La Tuskegee, Ala	1834 1881	Robert Sharp B. T. Washington, D.D.	183	2,650
mUnion University		1795	Rev.C.A. Richmond, D.D.	36	300
mUnion University cUniversity of Akron cUniversity of Chicago	Akron, Ohio Chicago, Ill		H. P. Judson, A.M.	274	7,30I
cUniversity of Cincinnati., mUniversity of Maryland	Cincinnati, Ohio Annapolis, Md	1874	C. W. Dabney, LL.D	238	2,190
cUniversity of Pennsylvania. cUniversity of Pittsburgh		1740	Rev. A. Richmond, D. D. P. K. Kolbe, Ph. D. H. P. Judson, A.M. C. W. Dabney, Lt. D. T. Fell, Lt. D. E. F. Smith, Ph. D. S. B. McCormick	560	6,332
cUniversity of Pittsburgh	Pittsburgh, Pa Rochester, N.Y	1800			2,830
cValparaiso University	Valparaiso, Ind Nashville, Tenn Poughkeepsie, N.Y.	1873	H. B. Brown, A.M.	200	5,700
cVanderbiit University wVassar College	Poughkeepsie, N.Y.	1875 1865	Henry N. McCracken H. Ellis, Ph.D.		1,200
cVincennes University mWabash College	Vincennes, Ind Crawfordsville, Ind.		G. L. Mackintosh, D.D	. 24	320
cWashburn College	Topeka, Kan Chestertown, Md	1865	J. W. Cain, LL.D	60	820 124
cWashington University	St Lonia Mo			197	1,644 300
mWashington & Jefferson Col. mWashington and Lee Univ	Washington, Pa Lexington, Va	1780	H T. Smith ph D	25	488
eWashingt'n & Tusculum Col. w Wellesley College	Greensville, Tenn Wellesley, Mass Aurors, N.Y.	1794	C. O. Gray, D.D E. F. Pendleton	16	1,452
w Wells College	Aurors, N.Y.	1868	K. D. MacMillen	33	196
w Wells College c Wesleyan University w Western College for Women	Middletown, Conn. Oxford, Ohio	1855	Wm. W. Boyd	33	253
cWestern Reserve University	Cleveland, Ohio	1825	K. D. MacMillen Wm. A. Shanklin Wm. W. Boyd C. F. Thwing, D.D. S. V. Cole, LL.D.	228	1,327
cWheaton College	Norton, Mass Wheatou, Ill Walla Walla, Wash.	1860	C. A. Blanchard		239
cWhitman College	Aledo, Ill	1908	Ward L. Ray	14	250
w Williams College William Smith College	Williamst'wn, Mass. Geneva, N.Y. Worcester, Mass.	1793	Ward L. Ray H. A. Garfield, LL.D. L. P. Powell	56	495 98
mWorcester Polytechnic Inst.	Worcester, Mass.	1868	Ira N. Hollis, A.M A. T. Hadley, LL.D Rev. H. K. Warren, LL.D	58 457	3,272
CYale University	New Haven, Ct Yankton, S. Dak.	1881	Rev. H. K. Warren, LL.D.	28	475
Adventist— clunion College	College View, Neb.	1891	Harvey A. Morrison	30	316
Baptist-	Wass Con		G B Decolo IV P		1,500
cBaylor University ncBenedict College mBethel College	Waco, Tez Columbia, S.C	1845 1871 1849	S. P. Brooks, LL.D B. W. Valentine, A.B	49 34 8	657
mBethel College	Russellville, Ky Providence, R.I	1765	W. H. P. Faunce, D.D		115 961
cCarson and Newman College	Jeffers'n City, Tenn.	1851	J. M. Burnett, D.D	21	416

					-47
Name.		Op'ed.	President.	Instruc-	Student
cCentral University of Iowa cDenison University	D-D- X	-			
Denicon University of Iowa	Petia, Iotoa	1853	J. L. Beyl, Ph.D	x8	SII
Dea Maines College	Don Mainte, Onto	1831	C. W. Chamberlain, Ph. D.	59	800
mFurman University	Greenville S.C.	1805	J. A. Esrl, D.D. E. MeN. Potest, D.D	24 ·	568
of sorgetown College cGrand Island College cHoward College cHoward Payne College cJohn B. Stetson University u Judson College cKalamago College	Georgetown Ta	1852	M. B. Adams, D.D. Rev. George Taft J. M. Shelburne, A.N. J. M. Carroll, D.D. L. Hulley I. D.	10	253
cGrand Island College	Grand Island, Neh.	1892	Rev George Toff	27 35	300 4x2
cHoward College	Birmingham, Ala.	1841	J M Shelburno 4 M	35	196
cHoward Payne College	Brownwood, Tex	1889	J. M. Carroll, p.p.	23	310
cJohn B. Stetson University .	De Land, Fla	1887	L. Hulley, LL.D. P. V. Bomar, D.D. H. L. Stetson	37	469
w Judson College	Marion, Ala	1839	P. V. Bomar, D.D	30	222
cKalamazoo College	Kalamazoo, Mich	1833 1890 1869	H. L. Stetson	16	234
cKeuka	Keuka Park, N.Y	1890	Joseph A. Serena	¥5	100
ncheland University	New Orleans, La.	1869	A. A. Earle	40	1,700
catchinnville College	McMinnville, Oreg.	1857	Rev. L. W. Riley, A.B	15	269
w Meredith College	Raieigh, N.C.	1899	R. T. M. Vann, D.D	27	392
caritton Conege	Militon, Wis	1867	W. C. Daland, D.D	34.	125
Manustralia Contege	Clinton, Muss	1825	J. W. Provine, LL.D	15	416
consolite College	Ottawa, Adva	1805	Rev. S. E. Price, D.D	30	308
cRichmond College	Pichmond Va	1000	P W Books	30	400
cRio Grande College	Plo Granda Ohia	1032	C H Ding	36	416
ncShaw University	Palafoh W C	1070	C F Moranno 11 h	11	340
w Shorter College	Bome, Ga.	1805	A W Van Hoose	30.	447
cShurtleff College	Alton III	1827	G M Potter A P	20	128
cUrion University	Jackson, Tenn	TRAE	A. T. Barrett Ph D	15	200
nunVirginia Union University.	Richmond, Va	1865	Joseph A. Serena A. A. Earle Bev. L. W. Rilley, A.B. Bev. L. W. Rilley, A.B. W. C. Dalbard, D.B. W. C. Dalbard, D.B. J. W. Provine, I.L.D. Eev. S. E. Prica, D.D. P. W. Bowers B. Bostwright, I.L.D. C. F. Meserve, I.L.D. A. W. Van Hoose G. M. Fotter, A.B. A. T. Barrett, Ph.D. W. L. Fotest, I.L.D. W. L. Fotest, I.L.D. J. P. Greene, D.D.	- 16	300
mWake Forest College	Wake Forest, N.C.	1824	W. L. Potest, LL.D.	41	457
mWilliam Jewell College	Liberty, Mo	1840	J. P. Greene, D.D	32	463
«Kalamasoo College Cheika Kalamasoo College Cheika Kalamasoo College Cheika Kalamarile College Walter College Cheika Kalamarile College Cheika Cheika College Cheika Cheika College Cheika Cheika College Cheika Che				-	7-3
cBridgewater College	Bridgewater, Va	1880	J. S. Flory, Ph.D J. H. Brumbaugh, A.M.	19.	190
countata College	Huntingdon, Pa	1875	J. H. Brumbaugh, A.M.	23	422
Christian—					
cDefiance College	Defleres Okia	1885	D W Martin	26	
cRion College	Plon W C	1005	W A Warmer 20 1	30	386
cEion College cNebraska Christ. (Cotner)	Rothany Vah	1009	P. W. McReynolds, D.D. W. A. Harper, M.A W. Oeschger, D.D	. 97 25	380
			W. Geschiger, D.D	25	201
cUnion Christian College	Merom, Ind	1848	Daniel A. Long	16.	165
					-73
Church of God-					
cFindlay College	Findlay, Ohio	1882	W. H. Guyer	29	477
Q					
Congregational—	Charles N. A		VP-111		
Painmount Callege	Urete, Aeo	1872	William O. Allen Walter H. Rollins	21	200
ekargo College	Farmo X Dak	1895	John W Wansel	20	317
	Porest Grove Ocea	1007	John W. Hansel. C. J. Bushnell, Ph.D	29	555
cDoane College. cRairmount College cRargo College. cPacific University. cRedfield College. cTabor College.	Redfield S Dak	1034	Edward A Fath ph 1	30	205
	Tabor, Iorg	1867	Edward A. Fath, Ph.D. N. W. Werhan, Dean	12	149 57
		143/			3/
Disciples-			T. E. Cramblet, LL.D C. Johann, LL.D		
cBethany College	Bethany, W. Va.	1841	T. E. Cramblet, LL. D.	30	455
cBethany College	Canton, Mo	1856	C. Johann, LL.D. H. O. Pritchard, M.A. J. T. McKissick F. D. Kershuer, M.A.	15	150
cisureka College	Eureka, Ill	1848	H. O. Pritchard, M.A	- 16	189
	Milligan, Tenn Fort Worth, Tex Lynchlarg, Va	1882	J. T. McKissick	. 15	155
	Fort Worth, Tex	1873	F. D. Kershner, M.A	34	572
eVirginia Christian College	Lynchburg, Fa	1903		12	70
Evangelical-					
calbright College	Myerstown Pa.	v804	J E Dunlan A W	21	214
cNorthwestern College	Naperville, 10	1861	I. H Seager D D	22	349
cAlbright College cNorthwestern College mProsominar College	Myerstown, Pa Naperville, 10 Elmhurst, IU	1871	J. F. Dunlap, A.M. L. H. Sesger, D.D. Rev. W. Irion, D.D.	8	170
		1			-10
Friends-					
ckarinam College	Richmond, Ind	1847	R. L. Kelly, Ph.D E. Stanley, A.M.	30	430
certends University	Wichita, Kan	1898	E. Stanley, A.M.	19	430 380 263
countora College	Guillora Coll., N.C.	1837	La La Hobbs, LL.D	17	263
«Projita College	Nambour O.	1833	E. Stanley, A.M. L. L. Hobbs, LL.D. I. Sharpless, Sc.D. L. T. Pennington	32	180
	Ockaloose Jer	1885	D M Februards 4	2.3	150
cEartham College cFriends University cGuilford College mHaverford College cPeacific College cPenn College cPenn College cWhittler College	Whittier Cal.	1073	D. M. Edwards, A.M T. Newlin, Ph.D	30	506
	minieter, Car	1901	I. Newman, Pal. D	- 43	110

	iversities	

150 Classified Universities and Colleges.								
Name.	Location.	Op'ed.	, President.	Instruc- tors.	Studente			
eWilmington College		1870	S. H. Hodgin	15	110			
Latter Day Saints— cBrigham Young College	Logan, Utah	-0	C. N. Jenson	29	250			
cGraceland College	Lamoni, Iowa	1877 1895	S. A. Burgess, A.B	13	203			
Lutheran-								
m Augsburg SeminaryeAugustana CollegeeBethany College	Minneapolis, Minn. Rock Island, Ill		G. Sverdrup G. A. Andreen, Ph.D Rev. E. F. Pihlblad, A.M Rev. H. D. Hoover, Ph.D	16 32	250 685			
cBethany College	Lindsborg, Kan	1881	Rev. E. F. Pihlblad, A.M. Rev. H. D. Hoover, Ph.D.	4X 20	814			
cCarthage College	Lindsborg, Kan Carthage, Ill Fort Wayne, Ind St. Peter, Minn	1839	Rev. M. Luecke O. J. Johnson, B.D		249			
intoncordia College - Gustavus Adolphus College - Midland College - Midland Berg College - Newberry College - Rewberry College - Remspivania College - GRanoke College - St. Olaf College - St. Unit College - St. Olaf Colleg	Atchison, Kan	1887	R. B. Peery, D.D.	33	359 210			
mMuhlenberg College	Alientown, Pa. Newberry, S.C. Gettysburg, Pa. Salem, Va. Northfield, Minn.	1867	R. B. Peery, D.D J. A. W. Haas, D.D J. H. Harms, A.M	24	173 231			
cPennsylvania College	Gettysburg, Pa	1827	J. H. Harms, A. M. Wm. A. Graaville J. M. Morehead, D.D. Rev. L. A. Vigness Rev. C. T. Aikens, D.D. Rev. P. Froeburg, A.B. C. G. Heckert, D.D.	31	361			
cSt. Olaf College	Northfield, Minn.	1874	Rev. L. A. Vigness	. 33	515			
cUpsala College	Selinsgrove, Pa Kenilworth, N.J Springfield, Ohio	1893	Rev. C. T. Alkens, D.D. Rev. P. Froeburg, A.B	. 15	372			
cWittenberg College	Springfield, Ohio	1845	C. G. Heckert, D.D	43	922			
Methodist Episcopal— cAlbion College	Albion, Mich	1861	S Diobie II D	. 26	516			
		1814	S. Dickie, LL.D	22	418			
cBaldwin-Wallace College	Baldwin, Kans Berea, Ohio	. 1858 . 1864	A. L. Breslich, A.B	. 31 52	519 68z			
cBoston University	Boston, Mass Warrenton, Mo		L. H. Murlin, Ph.D	. 170	1,827 359			
ncClaffin University	Warrenton, Mo Orangeburg, S.C Atlanta, Ga		E. M. Dunton, LL.D	. 2I . 40	253			
cAllegneny Cottege. cBaker University cBaldwin-Wallace College cBoston University cCentral Wesleyan College ncClaftin University cCollege of the Pacific cCownell College	San José, Cal	1851	W. H. Crawford, D.D. W. N. Mason, D.D. A. L. Breslich, A.B. L. H. Murlin, Ph.D. O. E. Kriege, D.D. E. M. Dunton, LL.D. W. W. Foster, D.D. B. J. Morris Rev. Thos. Nicholson W. G. Scarper, Ph. D. W. G. Scarper, Ph. D.	. 25	440 352			
cDakota Weslevan University	Mitchell, S. Dak	1853 1885	W. G. Seaman, Ph.D	. 38	440			
Depauw University	Greencastle, Inda Baltimore, Md.	1837	Rev. G. R. Grose, D.D W. W. Guth, Ph.D.	42	972 413			
cGreenville College	Greenville, Ill	1892	W. G. Scaman, Ph.D. Rev. G. R. Grose, D.D. W. W. Guth, Ph.D. E. G. Burritt, A.M. S. F. Kerfoot, D.D. W. D. Agnew, D.D. Rev. T. Kemp, D.D. Rev. E. P. Smith J. F. Harmon, D.D. Rev. H. R. De Bra, D.D. C. L. Roward, D.D.	. 20	345			
cHedding College	Abingdon, Ill Bloomington, Ill	. 1854 . 1856	W. D. Agnew, D.D	25 15	370			
cHedding College cIllinois Wesleyan University cIowa Wesleyan University		1842	Rev. T. Kemp, D.D E. A. Schell, Ph.D	- 44	688			
cKansas Wesleyan Univ	Salina, Kans	. 1886	Rev. R. P. Smith	43	795			
cMissouri Wesleyan College cMontana Wesleyan College.		. 1883 . 1889	Rev. H. R. De Bra, D.D	. 30	286			
CMoores Hill College	Moores Hill, Ind.	1856 1872	C. L. Bovard, D.D H. A. King, D.D	. 12	250			
neMorgan College cMorningside College cMt. Union-Scio College	Sioux City, Iowa	. 1872	H. A. King, D.D. J. O. Spencer, Ph.D. A. E. Craig, D.D. Rv. W. H. McMaster, M.A. C. H. Fulmer, Ph. D.	24	638			
cMt. Union-Scio College cNebraskaWesleyan Univ	Univ. Place, Neb		Rv. W. H. McMaster, N. A.	. 40	644 863			
ncNew Orleans University	New Orleans, La	. 1874	C. E. Melden, D.D	. 20	505			
cohio Northern University	Ada Ohio	1855	A. W. Harris, LL.D Rev. A. E. Smith, D.D Rev. H. Welch, D.D	427	1,764			
cOhio Wesleyan University cParker College	Delaware, Ohio Winnebago, Minn,	1844	Rev. H. Welch, D.D B. Longley, D.D	. 66	1,132			
	Winnebago, Minn. Little Rock, Ark	1877	Rev. J. M. Cox, D.D	23				
ncRust University	Indianola, Iowa	. 1860	F. L. Strickland, D.D	. 29	472			
cSouthwestern College cTaylor University cUniversity of Chattanooga	Holly Springs, Miss Indianola, Josea Winfield, Kan. Upland, Ind. Chattanooga, Tenn Denver, Col. Tacoma, Wash. Los Angeles, Cal. Wayette Juora	. 1846	Rev. H. Welch, D.D. B. Longley, D.D. Rev. J. M. Cox, D.D. J. T. Decking, Ph.D. F. L. Strickland, D.D. F. L. Strickland, D.D. F. L. Strickland, D.D. H. A. Buchtel, D.D. H. A. Buchtel, D.D. H. A. Buchtel, D.D. G. G. Doney, D.D. R. W. Cooper, Litt. D. G. F. Durgin C. G. Doney, D.D. W. S. Searborough, Lil. Rev. M. W. Dogan, Ph.I. Rev. M. W. Dogan, Ph.I.	. 30	293			
	Denver, Col.	1867	H. A. Buchtel, D.D.	. 127	708			
CUniversity of Puget Sound	Los Angeles, Cal	1903	J. C. Zeller, D.D G. F. Boyard, D.P.	250	35x 2,649			
cUpper Iowa University	Fayette, Iowa Nashville, Tenn	. 1857	R. W. Cooper, Litt.D.	250	185			
cWest Virginia Wesleyan Col.	Buckhannon, W. Va Wilberforce, Ohio	1890	C. G. Doney, D.D.	. 30	7 ⁶ 3 500			
cUpper lowa University nWaiden University cWest Virginia Wesleyan Col. ncWilberforce University ncWiley University	Wilberforce, Ohio Marshall, Tex	; 1873	Rev. M. W. Dogan, Ph. I	45 27 25	560			
cWillamette University	Salem, Oreg	1844		25	350			

Clas	sified Universit	108. (1)	nd Colleges.		151
Name.	Location.	Op ed.	President.	Instruc-	Students
Methodist Episcopal South-					
	Payette, Mo Oxford, Ga Emory, Va Greeusboro, N.C	1857	P. H. Linn, D.D		187
na Emory College	Oxford, Ga	1836	Rev. J. E. Dickey, D.D.	17	260
mEmory College mEmory and Henry College mGreensboro College	Emory, Va	1838			233
"Greensboro College CHenderson Brown College	Arkadelphia, Ark	1890	Rev G H Crowell Ph D	19	230
cHendrix College	Conway, Ark	1884	J. H. Reynolds, LL.D.	1.3	265
			Rev. J. E. Lowry	7 6	142 -
cKentucky Wesieyan College	Winchester, Ky Greenwood, S.C Jackson, Miss Ashland, Va Morrisville, Mo	1866	Rev. G.H. Crowell, Ph.D. J. H. Reynolds, Ll.D. J. H. Reynolds, Ll.D. James L. Clark, A.B. John O. Wilson, D.D. AF. Watkins, D.D. R. E. Blackwell, LL.D. Park L. C. Perry	6 20	115
cMillsaps College	Tackson Mice	1803	A.F Watkins D.D.	15	283 275
mRandolph-Macon College	Ashland, Va.	1832	R. E. Blackwell, LL.D	16	190
mRandolph-Macon College cScarritt Morrisville College.	Morrisville, Mo.,	1846	Rev. L. C. Perry	20	195
Southern University			Bee C W Pichen D D	56	1,303
Chouthwestern University	Durbam N.C.	1850	W. P. Few. Ph.D.	45	600
cTrinity College	Macon, Ga	1839	C. R. Jenkins	40	340
m Wofford College	Georgetown, Tex. Durham, N.C Macon, Ga Spartanburg, S.C.	1854	Rev. L. C. Perry. Rev. C. A. Rush. Rev. C. M. Bishop, D.D. W. P. Few, Ph.D. C. R. Jenkins H. N. Snyder, LL.D.	19	518
With Mat Destantant					
Methodist Protestant— cAdrian College	Adrian, Mich	1850	Rev. W. B. Anthony, D. D.	18	200
- cWest Lafayette College	Adrian, Mich W. Lafayette, Ohio	1900	A. F. Hess, D.D	12	177
Moravian College	Bethlehem, Pa	1807	A. Schultze, D.D	В	51
Presbyterian-	Albany, Oreg. Alma, Mich. Clarksville, Ark. Bellevue, Neb. Carlinville, IU. Waukesha, Wis. Cedarville, Ohio. Danville, Ky. Sterling, Kans. Davidson, N.C.	-06-	H M Crooks A.R.	15	156
cAlbany College	Alma, Mich.	1882	H. M. Crooks, A.B T. C. Blaisdell, A.M W. L. Darley, D.D	28	275
	Clarksville, Ark	1891	W. L. Darley, D.D	×3	211
: cBellevue College	Bellevue, Neb	1883	NY NE Trudence D.D.	₩ #4 #3	115
cBlackburn College	Carimville, Ill	2859	W. M. Hudson, D.D. W. O. Carrier, D.D. Rev. D. McKinney, D.D. F. W. Hinitt Bev. R.T. Campbell, D.D. W. J. Marlin, J. B. J. S. Moffat, D.D. J. S. W. A. Millis, J.D.D. R. B. Grone, Ph.D. F. W. Hawley, D.D. W. Gilbert James Rev. H. M. Gage, A.M. C. H. Rammelkamp, Ph.D. G. E. Fellows, L.L.D. E. S. C. S. G. S. G. S. G. S. G. S. Fellows, L.D. D. W. Gless, L.D. D. C. E. Fellows, L.D. D. C. S. Fellows, L.D. D. C. S	21	300
cCarroll College	Cedarville, Ohio	1804	Rev. D. McKinney, D.D.	12	87
an Centre College of Kentucky.	Danville, Ky	1819	F. W. Hinitt	1 16	150
cCooper College	Sterling, Kans	1886	Rev. R. T. Campbell, D.D.	87	189
mDavidson College	Davidson, N.C	1837	H C Culbertson LL B	E4 20	311
cEmporia College	Buporia, Kans. Due West, S.C. Bampden-Sid'y, Va. Hanover, Ind. Hastings, Neb. Tulss, Okla. Hiehlend Kans	1837	J. S. Moffat, D.D	. 0	140
mHampden-Sidney College	Hampden-Sid'y, Va.	1776	Rev. H. T. Graham, D.D.	20	115
cHanover College cHastings College cHenry Kendall College	Hanover, Ind	1827	W. A. Millis, LL.D.	20	297
cHastings College	Tulsa Okla	1802	F. W. Hawley, D.D.	27 27 9 23 20	275
eHighland College	Highland, Kans Huron, S. Dak	1857	W. Gilbert James	9	136
	Huron, S. Dak	1883	Rev. H. M. Gage, A.M	23	398
cIllinois College		1829	G. P. Fellows II. D.	53	370
cJames Millikin University cfamestown College	Jamestown N Dak	1882	B. H. Kroeze, D.D.	23	
mLafayette College	Easton, Pa	1832	J. H. McCracken, Ph.D.	59	199 580
	Lake Forest, Ill	1858	G. E. Fellows, L. D B. H. Kroeze, D. D J. H. McCracken, Ph.D. J. S. Nollen, Ph.D. Rev. E. E. Reed, M.A. J. H. McMurray, Ph.D. J. B. Rendall, D.D. J. M. Hodgman, M.T. J. M. Hodgman, M.T. J. M. Hodgman, M.T.	19	203
cLenox College	Hopkinton, Isra	1856	T H McMurray Ph.D.	18	138
	Lincoln Univ., Pa.	1857	J. B. Rendall, D.D.	14 18 12 37 55	223
	St. Paul. Minn	1885	T. M. Hodgman, LL.D	37	400
CMaryville College	Maryville, Tenn	1819	S. T. Wilson D.D	55	769
Macalester College Maryville College Missouri Valley College Missouri Valley College	Marshall, Mo	1889	Arthur I. Wolfe, Ph.B.	25 24 29	205 450
Park College	Fairfield. Iona	1875	L. M. McAfee, LL.D	19	267
: mSouthwestern Pres, Univ	Clarksville, Tenn.	1875	G. R. Dobyns	EO.	99
cUniversity of Wooster	Waxahachie, Tex.	1869	J. B. Rendall, D.D. T. M. Hodgman, LL-D. S. T. Wilson D.D. W. H. Black, D.D. Arthur L. Wolfe, Ph.D. L. M. McAfee, LL-D. G. R. Dobyns S. L. Hornbeak, LL-D. J. Campbell White, M.A.	45	350
cumiversity of Wooster	Jamestown, N. Date Easton, P. P. Lake Forest, Ill. Hopkinton, Issae. Lincoln, Ill. Lincoln Univ., Pa., St. Paul, Minn. Maryville, Tenn. Maryville, Mo. Parkville, Mo. Parkville, Mo. Clarksville, Jens. Waxahadhel, Tes. Waxabadhel, Tes. Wooster, Ohio	1008	LL.D.		
eWaynesburg College	Wayneshurg, Pa	1850	Rev. E. F. Baker, Ph.D.	BO 14	148
mWestminster College	Fulton, Mo	1849	C. B. Boving, D.D	14	200
wWilson College	Tacoma, Wash Chambersburg, Pa.	1890;	Rev. E. F. Baker, Ph.D. C. B. Boving, D.D. D. D. McKay, D.D.	3 21	193
	J. C.	10,0		1	
Protestant Episcopal-		1	Dan W P Points D D	24	130
mKenyon College	Annandale N V	1824	Rev. W. F. Peirce, D.D. Rev. C. W. Rodgers, D.D.	10	70
mKenyon College	Gambier, Ohio Annandale, N.Y Sewance, Tenn	1868	Rt. Rev. A. W. Knight	31	204
			1 D.D.	1	

Name.	Location,	Op'ed.	President.	Instruc-	Students
Reformed Church-					
cCatawba College	Newton, N.C	1851	Rev. J. D. Andrew, A.B.	13	135
m Franklin and Marshall Coll.	Lancaster, Pa	1836	H. H. Apple, D.D C. E. Miller, D.D	29	593
cHeidelberg University	Tiffin, Ohio	1850	C. E. Miller, D.D	32	484
eHope College	Holland, Nich	1866	A. Vennema, D.D,	23	400
Roman Catholic-	Prairie du Chien,	1880	Rev. G. R. Kister, S.J	34	337
	Wig.				
mCanisius College	Buffalo, N.Y Washington, D.C.	1870	Rev. G. J. Krim, S.J Rt. Rev. T. J. Shahan	85	1,037
mChristian Brothers College .	St. Louis, Mo	1840	Rro L Sixtus LL R	42	412
mCreighton University	Omaha, Neb	1878	Bro. L. Sixtus, LL.B Rev. E.A. Magevney, S.J.	150	1,232
mDe Paul University	Chicago, Ill	1807	Very Rev. F. X. McCabe Rev. D. M. Gorman Rev. J. A. Mulry, s.J Vy. Rev. A.J. Donion, s.J. Rev. J. S. Dinand, s.J	75	900
mDubuque College	Dubuque, Iowa Fordham, N.Y	1873	Rev. D. M. Gorman	30	417
mFordham University	Fordham, N.Y	1841	Rev. J. A. Mulry, S.J	154	1,626
mGeorgetown University	Washington, D.C Worcester, Mass	1789	Pow I S Dinand S I	196	1,626
mGeorgetown University mHoly Cross College	Worcester, Mass	1043	Rev. J. S. Dinanu, B.J	34	573
mLoyola College	Philadelphia, Pa. Baltimore, Md Chicago, Ill	1869	Bro. D. Edward	20	430
mLoyola University	Chicago, Ill.	1860	Rev. John Mathery, S.J.	127	1,432
mLovola University				12	185
mManhattan College	New York City	TRES	Brother F. S. C	. 28	258
mMarquette University	Milwaukee, Wis	1881	J. Grimmelsman, S.J RR. Rev. Placid Fuerat. Very Rev. B. J. Bradle; Rev. M. C. O'Farrell Very Rev. M. A. Drennan Bro. Dorotheus J. J. Brown J. J. Brown Rev. Ernest Helmtette Rev. L. Wolf, o.S.B Broand M. Honges Broand Rey. Broand Bro. Flannan Very Rev. J. W. Moore Bt. Rev. P. Engel Rev. H. Lear Rev. A. Prische, S.M Rev. B. J. Otting, S.J Rev. B. J. Otting, S.J Rev. B. J. Otting, S.J	240	1,670
mMount Angel College	Mount Angel, Oreg. Emmitsburg, Md. New Rochelle, N. Y. Niagara City, N. Y.	1887	Rt. Rev. Placid Flierst	26	150
w Mount St. Mary's College	Now Poohalla N V	1000	Pay M C O'Forrall	40 31	335
When to Entropeity	Ningara Ralls N V	1904	Very Rev M A Dronner	20	250
mNiagara University	Ellicott City, Md.	1857	Bro. Dorotheus	. 18	150
1 mSacred Heart CoHege		1888	J. J. Brown	. 20	171
mSt. Anselma College		1889	Rev. Ernest Helmtette	20	230
mSt. Anselma College	Atchison, Kan	1858	Rev. I. Wolf, o.s.B	. 24	250
		. 1892	Bernard Menges	. 29	180
mst. Charles College mst. John's College mst. John's College mst. John's University mst. Joseph's College	Ellicott City, Md.	1848	Rev. M. F. Dinneen	. 23	
mst. John's College	Brooklyn N V	1200	Very Rev J W Moore	45	815
mSt. John's University	Collegaville, Minn	1857	Rt. Rev. P. Engel	45	430
inSt. Joseph's College	Collegeville, Ind	1891	Rev. H. Lear	. 24	319
			Rev. A. Frische, S.M	. 8	128
mSt. Louis University	St. Louis, Mo	. 1818	Rev. B. J. Otting, S.J Bro. Vellesian	. 252	1,471
mSt. Mary's College	Oakland, Cal	1863		. 18	375
mSt. Mary's College	St. Mary's, Aan	1848	Rev. W. J. Wallace, S.J	. 29	469
mst Mary's College	Dayton Ohio	1850	Pay R P O'Roilly	47	469
mSt. Mary's College mSt. Mary's College mSt. Mary's College mSt. Mary's College	Beimont, N.C.	1828	F. Thomas	21	120
	St. Meinrad, Ind. Chicago, Ill Bourbonnais, Ill	. 1857 . 1890 . 1868	Rt. Rev. A. Schmitt Rev. L. J. Zapala Very Rev.J.P.O'Mahony	. 21	260
mSt. Stanislaus's College	Chicago, Ill	. 1800	Rev. L. J. Zapala	. 14	230
mSt. Viator College	Bourbonnais, Ill	. 1868	Very Rev.J.P.O'Mahony	, 50	400
mSt. Xavier College	Cincinnati, Ohio	1840	Rev. F.J. Heiermann, S.J.	. 3t	536
Meton Hall College	Cincinnati, Ohio South Orange, N.J.	. 1856	Rt. Rev. J. F. Mooney	. 16	261
mSeton Hall College	Spring Hill, Ala	1830	E. Cummings, S.J		233
W Trinity College	Washington, D.C.	. 1900	Sister Aloysius	. 30	187
"University of Detroit	Detroit, Hich	1877	Down T Commonwood	50	528
"University of Notre Dame "University of Santa Clara	Notre Dame, Ind. Santa Clara, Cal.	1842	W. F. Thornton, S.J	90	1,150
Willanova College	Villanova, Pa	1842	Rev. E. G. Dohan	37	395
United Brethren-				1	
Leander Clark College	Toledo, Iowa	. 1857	M. R. Drury, D.D	. 20	220
Lebanon Valley College	Toledo, Iowa Annville, Pa	. 1866	Rev. G. D. Gossard	. 27	345
cOtterbein University	Annville, Pa Westerville, Ohio York, Neb	1847	Rev. G. D. Gossard W. G. Clippinger, A.B M. O. McLaughlin, D.D.	. 27	451
eYork College	York, Aeb	1890	M. O. McLaughlin, D.D.	21	215
United Presbyterian-	Francisco Com		P.W. McConnelian P.Y	. 28	
caKnoxville College	Knoxville, Tenn	1875	T H McMichael P.D.	. 27	472
Muskingum College	Monmouth, Ill New Concord, Ohi	1875 1856 0 1836	R. W. McGranahan, D.I. T. H. McMichael, D.D Rev. J. K. Montgomery	25	425
Tankia Callege	Tankin Ma	-00	D.D.	26	1
cWestminster College	Tarkio, Mo New Wilmington	1883	J. A. Thompson B. MeW. Russell	. 26	278
	Pa.	1 1002		20	-57

PRINCIPAL UNIVERSITIES OF THE U.S. From the Report of the Federal Bureau of Education.

University.	Opened.	Location.	Control.	Officers (1913-14).	Students (1913-14),
California	1869 1892	Berkeley, Cal Chicago, Ill	State Non-Sectarian	457	5,928
Columbia	1754	New York, N.Y	do.	330	5,955
	1868	Ithaca, N.Y.	do.		5,112
Harvard	1636	Cambridge, Mass	do.	750	4,330
Illinois	1868	Urbana, Ill.	State	643	5,004
Iowa State College	186g	Ames, Iowa	do.	250	2,450
Johns Hopkins	1876	Baltimore, Md	Non-Sectarian	315	852
Kansas	x866	Lawrence, Kan,	State	233	2,336
	1841	Ann Arbor, Mich,	do	354	5,520
Minnesota	186g	Minneapolis, Minn	do.	459	4,958
Missouri	1847	Columbia, Mo	do.	221	2,726
Nebraska	1871	Lincoln, Neb	do.	144	3,075
New York	1832	New York, N.Y	Non-Sectarian	455	5,048
Northwestern	1855	Evanston, Ill	Meth. Epis.	360	4,808
Ohio State	1872	Columbus, Ohio	State	328	3,820
Pennsylvania	1740	Philadelphia, Pa	Non-Sectarian	560	4,719
Pittsburg	1786	Pittsburg, Pa	do.	329	2,512
Princeton	1746	Princeton, N.J.	- do.	202	1,500
Stanford,	1891	Stanford, Cal	do.	211	1,906
Syracuse	1871	Syracuse, N.Y.	do.	277	3,674
Texas	1883	Austin, Tex	State	171	2,530
Tulane	1834	New Orleans, La	Non-Sectarian	257	1,107
Virginia	1825	Charlottesville, Va	State	- 73	grg
Washington	1861	Seattle, Wash	do	277	2,737
Western Reserve	1826	Cleveland, Ohio	Non-Sectarian	223	1,127
Wisconsin	1848	Madison, Wis	State	583	4,686
Yale	1701	New Haven, Conn	Non-Sectarian	457	3,189

SOME FAMOUS FOREIGN UNIVERSITIES.

Country.	University.	Founded.	Country.	University.	Founded.
Austria	Vienna	1365 1426 1348 1476 1257 1249 792 830	Holland Italy Poland Portugal Scotland	Utrecht	1634 1591 1116 1228 1145 700 1279
Germany	Rheims Orleans Anjou Heidelberg Leipzig Jena Leyden	1145 1305 1349 1386 1409	Spain Switzerland	Glasgow Aberdeen Edinburgh Cordova Valladolfd Geneva Basle	1411 1450 1494 1582 968 1346 1368 1460

LONG		RAIL	WAY TUNNELS.			
Railway and Country.	Miles.	Yards.	Railway and Country.	Miles.	Yards.	
Simplon, Switzerland-Italy	. 22	458	Severn, England	- 4	636	
St. Gothard, Switzerland-Italy	Q	564	Turchina, Italy	- 4	IO	
Loetschberg, Switzerland		55	Wocheiner, Austria		1,647	
Mont Cenis, France-Italy		1,730	Mont d'Or, France-Switzerland		1,320	
Arlberg, Austria	6		Albula, Switzerland		1,150	
Ricken, Switzerland	5	578	Totley, England	3	950	
Tauern, Austria	5	546	Peloritana, Sicily	3	686	
Ronco, Italy		277	Gravehals, Norway	- 3	516	
Tenda, Italy	5	56	Standedge, England	- 3	62	
Transaudine, Chile-Argentina			Woodhead, England		17	
Karawanken, Austria		1,683	Cascade, United States	. 2	1,080	
Hoosac, United States		1,320	Khojak, Baluchistan	12	769	
Borzallo, Italy	4	700				

AMERICAN COLLEGE FRATERNITIES.

m = Men; w = Women; l = Legal; ms = Medical.

		cn, w = women, v = ze	Sar, 1	- Model
Fraternity.	Fnded.	Place of Foundation.	Mem- bers.	National Secretary.
w Alpha Gamma Delta m Alpha Delta Phi	1882	Syracuse Univ	750 11,800	M. Hobbs, Minneapolis, Minn. Hunter S. Marston, New York City John P. Sprague, Chicago, Ill. Morris B. Miller, Philadelphia, Pa Mrs. R. L. Haskell, Brookline, Mass
me Alpha Kappa Kappa me Alpha Mu Pi Omega w Alpha Xi Delta		Univ. of Penna Lombard College		Morris B. Miller, Philadelphia, Pa
		N.Y. Med. Coll	1,150	Anna E. Many, New Orleans, La. William H. Price, Brooklyn, N.Y.
me Alpha Sigma m Alpha Sigma Phi m Alpha Tan Omega v Alpha Phi m Alpha Chi Rho	1865	Vale	12,000	Claude T. Reno, Allentown, Pa. Mrs. F. Wheelihan, Evanston, Ill.
m Alpha Chi Rho w Alpha Chi Omega m Alpha Omega Alpha	1005	Trinity De Pauw Univ. Chicago		Mrs. K. L. Maskell, Brookline, Mass Anna E. Many, New Orleans, La. William H. Price, Brooklyn, N.Y. Wayne M. Musgrave, New York City Claude T. Reno, Allentown, Pa. Mrs. F. Wheelihan, Fyanston, III. Dixon R. Fox, New York City, Mrs. Charles E. Ely, Cheago, III. Dr. W. W. Root, Staterville Springs N.Y.
w Beta Sigma Omicron m Beta Theta Pi	1888	Missouri State Univ Miami	19,000	Mrs. V. J. Adams, Knoxville, Tenn Francis W. Shepardson, Chicago, Ill
l Gamma Eta Gamma w Gamma Phi Beta	1901 1874	Univ. of Maine Syracuse Univ	2,200	Charles M. Moon, Rochester, N.Y. Mrs. F. S. Baldwin, West Allis, Wis
w Delta Gamma w Delta Delta Delta l Delta Theta Phi	1874	Univ. of Mississippi Boston University Cleveland Law School .	4,000	M. Agnes Burton, Detroit, Mich. Mary L. McCray, Dayton, Ohio.
m Delta Sigma Phi	1901	Yale	18,000	M. Agnes Burton, Detroit, Mich. Mary L. McCray, Dayton, Ohio. A. B. Backer, Chicago, Ill. James A. Hawes, New York City. Meyor Boskey, New York City. Henry T. Bruck, Mount Savage, Md John Patterson, New York City. A. G. Freeland, New York City. William H. Thomas Gavalend Dick.
m Delta Tau Delta m Delta Upsilon m Delta Phi	1834	Williams.	10,500	John Patterson, New York City.
l Delta Phi Delta m Delta Chi m Delta Psi	1869 1890 1847	Cleveland Law School . Yale College, City of N. Y Bethany Williams. Union Univ. of Michigan Cornell Columbia	950 3,600 4,000	W. W. Bride, Washington, D.C.
m Zeta Beta Tau w Zeta Tau Alpha m Zeta Psi	1808	Cath. Coll., N.Y Virginia State Normal. N.Y. University	2,600	J. Bregoff, New Brighton, N.Y. Mrs. J. L. Bugg, Farmville, Va. F. N. Nymeyer, New York City.
m Theta Delta Chi	1870	Union Wesleyan Univ., N.Y Rensselaer, P.I Norwich Univ.	6,800 16,000 1,300	Bart H. Winchester, Newark, N.J. George R. Beehler, Lansford, Pa. Hugh T. Wreaks, New York City. E. Wessen Clark, Boston, Macs.
m Kappa Alpha (North)		Union		Theodore Gilman, fr., New York
m Kappa Alpha (South)	1865	Washington and Lee De Pauw Univ	6,000	City. V. Otis Robinson, Jackson, Miss. L. Pearle Green, Ithaca, N. V.
w Kappa Delta w Kappa KappaGamma	1870	Virginia State Normal. Monmouth College University, Va.	6,500	Mary S. Thomas, Columbia, S.C. Mary M. Rhodes, Lexington, Ky. Herbert M. Martin, Danville, Va. Press. Aldridge, jr., Yonkers, N. Y.
m Kappa Sigma me Kappa Psi m Lambda Chi Alpha	1879	University, Va	4,000	Press Aldridge, jr., Yonkers, N.Y. Albert Cross, Norwood, Pa.
me Nu Sigma Nu		Univ. of Michigan	5,000	Ernest E. Irons, Chicago, El.
w Pi Beta Phi	186 ₇ 1868	Monmouth College University, Va	7,000 4,500	Amy B. Onken, Chapin, Ill. P. T. Atkinson, Hampden-Sidney, Va.
m Pi Kappa Phi me Pi Mu	1904 189a	Charleston Celt		E. R. W. Gunn, Oxford, Ga. K. Thomas Ennett, Richmond, Va.
m Sigma Alpha Epsilon	1856	Univ. of Ala. Colby College Virginta Mil. Inst.	14,350	W. C. Levere, Evanston, Ill. Mrs. Ethel H. Weston, Hale, Ind. Walter J. Sears, Columbus, Ohio. Louis L. Moore, Philadelphia, Pa.
w Sigma Kappa w Sigma Nu Sigma Nu Sigma Pi w Sigma Sigma Sigma Sigma Tau	1897	Vincennes Univ. Virginia State Normal. Univ. of Nebraska	10,000 1,150 700 380	
m Sigma Pht	1827			Prof. L. W. Chase, Manhattan, Kansas. Philip J. Ross, New York City.
m Sigma Phi Epsilon m Sigma Chi	TOOT	Richmond College Miami	2,500	Philip J. Ross, New York City. W. L. Phillips, Richmond, Va. William A. Trimpe, Chicago, Ill.

Paternity. Paded Pace of Foundation. Tau Beta Pi	me Phi Aipha Gamma 1865 me Phi Aipha Gamma 1866 M N N Med. Coll. 2,000 R Phi Alpha Delta 1866 N N Med. Coll. 2,000 R Phi Alpha Delta 1866 Northwestern Turk 2,000 R Phi Bata Rapa 1779 William and Mary Coll. 2,000 William and Mary Coll. 2,000 File Bata Rapa 1770 William and Mary Coll. 2,000 File Bata Rapa 2,000 William and Mary Coll. 2,000 File Bata Rapa 2,000 William and Mary Coll. 2,000 File Bata Rapa 2,000 Washington-Jefferon 2,000 File Bata Rapa 2,000 Washington-Jefferon 2,000 File Bata Rapa 2,000 Washington-Jefferon 2,000 Washington-Jefferon 2,000 Washington-Jefferon 2,000 Washington-Jefferon 2,000 File Bata Rapa 2,000 Washington-Jefferon 2,000 Washington-Jeff					
me Phi Alpha Gamma 1894 Y. Y. Med. Coll	me Prit Alpha Gamma 1894 4 Prit Alpha Delta 1895 me Prit Alpha Nigma 1895 me Prit Gamma Delta 1895 me Prit Beta Pri 1895 me Prit Delta Egulion 1895 me Prit Theta Chi 1895 me Prit Rappa Sigma 1895 me Prit	Fraternity.	Fnded.	Place of Foundation.	Mem- bers.	National Secretary.
	me Othega Opsiton Phr . 1095 Chiversity of Bullato 2,390 Reison W. Scrottine, Bullato, R.	me Tru Beta Pi	1885 1894 1898 1836 1776 1891 1848 1904 1848 1902 1852 1852 1852 1853 1894 1824 1841 1895	Lehigh University N. V. Med. Coll. N. V. Med. Coll. Relieves Med. Coll. Belleves Med. Coll. Visito of Pittsburgh Washington-Jefferson. Cornell University Miani Lutis College Lutis College Lutis College Lutis College Northwesters Univ. Mass. Agric. College Wesleyna College Northwesters Univ. Mass. Agric. College University of Penna Wesleyna College Thomas College Linguist Mass. Agric. College University of Arkansas Union	5,500 2,000 2,200 2,500 26,000 4,800 24,100 2,500 2,500 3,500 3,000 3,500 6,500 5,350 2,000	B. C. Matthews, Univ. of Tenness Richard H. Street, Chicago, Ill. E. J. Beartsiey, Fallstelphia, Pa. E. J. Beartsiey, Fallstelphia, Pa. Ev. O. M. Voorbus, D. N. W. York City, Harrisoville, Mo. Thomas L. Fogge, Chichmati, Ob. J. H. Leiler, New York City, F. J. Cocce, Wadeborn, N.C. J. Cocce, Wadeborn, N.C. Arthur C. Wright, Botton, Mass. Behard M. Phille, Philadelphia, D. James F. Churchill, Chicago, Ill. Donald H. McLean, Elizabeth, N. Dunning S. Wing, J. W. W. W. W. W. W. James F. Churchill, Chicago, Ill. James F. Churchill, Chicago, Ill. Mary M. W.

THE AUDITORDER COMOT A DOLL

CRCIL JOHN RHODES South Aftern States-county of Essex, England, and was the fourth on of the vicar of that place. For reasons of health, he migrated to Natai and subsequently according to the place of the place. For reasons of health, he migrated to Natai and subsequently according to the place of the place of the place of health, he migrated to Natai and subsequently according at the early age of all years, on the se March, decided that part of his fortune should be set aside to provide a fund for a certain number of scholarships, to over the full three years' course was a graduate. He directed that the selection of these scholars about the make, from times to room the season of the season of

the leading Universities in rotation, while in Australia and New Zealand, the choice is made by a special Committee which is most carefully selected.

In the United States the following condition apply:

r. He must be a citizen of the United States, or the son of a citizen, and must be un-

married.

2. He must have completed satisfactorily at least two years' work in some recognized

3. In age he must not exceed twenty-four years at the time of entering upon the seholarship at Oxford.

4. Each scholar receives an annual allowance of \$1,500, in equal quarterly instalments—a sum sufficient to provide for the ordinary expenses of the student during both terms and vacations.

5. The first payment is not made until he is actually in residence at the University.

6. The examinations are not competitive but

6. The examinations are not competitive b merely qualifying.

Information respecting these scholarships may be secured by enquiring of The Rhodes Trust Fund, Seymour House, Waterloo Place, London, S.W.; or from the Scoretary of the Rhodes Trustees, South Paris Road, Oxford, Eugland. Particulars may also be obtained from any College in the United States.

CAPITAL PUNISHMENT IN THE UNITED STATES.

CAPITAL punishment provails in all of the States, Rhode Island, Washington and Wisconsin. In Michigan the only orime punishable by death is treason. The death penalty was abolished in the State of Washington in 1922. It was abolished in Iowa in 1872 and restored in 1878. It was

also abolished in Colorado in 1897, but was restored in 1901. Hanging is the ordinary mode of execution, but in Indians, New York, Nebraska, Ohio, Pennsylvania, Vermont and Virginia electrocution is the legal method. In Newada hanging or shooting is optional with the considerance.

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Across' Fund of America (Established 1882), Daniel Frohman; Secretary, W. Austin.
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AMERICAN ASIATIC ASSOCIATION (Organized 1808).

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AMERICAN ASSOCIATION OF PROCEEDING FOR OFFI SECONDARY OF SECTION OF S

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188a), 1410 H Street, N.W., Washington,
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mary, Architoski D. Russell.
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(Reorge In. Utte), 78 East washington extent, Chicago, 114.
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1943), nos South Fifth Street, Philadelphia,
Joan South Fifth Street, Philadelphia,
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-Superior, Very Rev. James A. Walshi.
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1890).—President, Mrs. Timothy Matlack Cheesman: Secretary, Mrs. James Allen MacDonald, 18 East Eight Street, New York

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Goshen, N.Y.

Grganized is Oct., 1990. President-General, Mrs. William Cumming Story; Corresponding Secretary-Seneral, Mrs. Julius C. Burrows, Memorial Continental Hall, Seventeenth

Mamorial Continental Hall, Seveneenth and D'Stevete, N. W., Wahlington, D.C. 1890. — Manual M

New NORK CITY.

ANOTHER SOF THE REVOLUTION (Organized as Aug., 1891). Offices, 33 West Forty-second Street, New York City.—President-General, Mrs. Clarence L. Bleakley; Recording Secretary-General, Mrs. Herbort B. Henry; Correcting-General, Mrs. Herbort B. Henry; Corrections-General, Mrs. Herbort B. Henry; Corrections-General, Mrs. Herbort B. Henry; Corrections-Control of the Control of the Control

DESCRIDANTS OF THE SIGNESS (OFFICIAL SOURCES)
1907) — President, Charles L. Dawis; Secretary, Carl M. Kneass, Philadelphia, Pa.
DRAMA SOCIETY. — President, Mrs. E. R. Hewitt;
Secretary, John Corbin, 131 East Fifteenth
Street, New York City.

Street, New York City.

Stronger Language. President, Blahop Frank M. Erworker Language. President, Blahop Frank M. British, Omah. New Jones on South Wahash Avenue, Chicago, M.; German Asst. See, Rev. A. C. Bucher, Cincinnati, Ohto; Jaz. See, for Colved Conference, Long Language, Control, Cold Spring Harbor, Long Island, N.X.—Chairman, Alexander Orahum Bell; Supervistendent, H. H. Laughlin; Severetary, Charles B. Devengort.

Shaler Mathews; Secretary, Rev. Charles S. MacGarland, D.D., 105 East Twenty-second Street, N.Y. City. PEDERATION OF AMERICAN ZIONISTS, 44 East Twenty-third St., New York City. — President, Harry Friedenwaid; Secretary, Bernard A.

ROSSEDIAT.

GNERAL CONVENTION OF BAPTISS OF NORTH AMERICA. — Prevident, Dr. A. L. McCrimmon, Toronto, Canada; Severary, Rev. Spenser B. Messer, Chester, Penn.

GENERAL EDUCATION BOARD, 17 Battery Place, New York City (Organized 1992).— Chairman, Prederick T. Gates; Secretary, Wallace

GENERAL FEDERATION OF WOMEN'S CLUBS.—
President, Mrs. Percy V. Pennybacker; Corresponding Secretary, Mrs. Eugene Reilley,
568 Park Avenue, Charlotte, N.C.

50 Park Avenue Charlotte, N.C.
(Gyranized as Dec., 1661.—Governor-General,
Thomas A Hopkins; Secretary-General, John
Packwood Tilden, 44 East Twenty-third
Street, New York City,
(Hobioofical, Souther Or America (Founded
1886).—President, Arthur P. Coleman; Socretary,
B. O. Howy, Museum of Natural
History, New York City.

GEORGE WASHINGTON MEMORIAL ASSOCIATION

GEORGE WASHINGTON MEMORIAL ASSOCIATION.
—President, Mrs. Henry F. Dimock; General
Secretary, George Milbank Hersey, 70
Publicity Building, Boston, Mass.
GRAND ARMY OF THE ENPUBLIC.—Commander-in-Chief, Captain Elias R. Monfort, Cincinnati, Ohio; Senior Vice-Commander-in-Chief, George H. Salphaugh, Washington.

HISPANIC SOCIETY OF AMERICA, 25th Street and Broadway, New York City.—President, Archer Huntington; Sec., E. & Sevenson. HUGGENOT SOCIETY OF AMERICA. 2 West Forty-fifth Street, New York City.—Presi-

dent, Col. William Jay; Secretary, Mrs. James M. Lawton. INDUSTRIAL WORKERS OF THE WORLD, 264 West

INDUSTRIAL WORKERS OF THE WORKE, Detroit, Mich.—General Sceretary, H. Richter; Assistant Sceretary, S. G. Bargery. INTER-COLLEGATE, SO. G. Bargery. INTER-COLLEGATE, SO. West Fortieth Street, New York City.—President, J. G. Pholps Stokes, Secretary, Levy Scott.

INTERNATIONAL LEAGUE OF PRESS CLUBS.—
President, T. J. Keenan; Secretary, Lewis G.
Early, Reading (Pa.) Times.

INTERNATIONAL ORDER OF THE KING'S DAUGH-TERS AND SONS, Headquarters, 156 Fifth Avenne, New York City.—President, Miss Mrs Mary Lowe Dickinson.

INTERNATIONAL PEACE FORUM, 18 East Forty-first Street, New York City.—President,

John Wesley Hill.

INTERNATIONAL REFORM BUREAU, 206 Pennsylvania Avenne, S.E., Washington, D.C.—
President, Rev. M. R. Wedderspoon; Secretary, Rev. Henry Anstadt.

JOHN F. SLATER FUND (Founded 2822; Endow-

JOHN F. SLATER FUND (Founded 1882; Kadow-ment \$4,000,000; Annual Income \$800,000). John S. W. Walley and S. W. Walley and S. W. Lames H. Dillard, Charlottewithe, Va. Lames H. Dillard, Charlottewithe, Va. Lames H. Dillard, Charlottewithe, Va. Lames M. Walley and S. W. Walley S. W. Walley Lame Motora Conference, Lake Mothon, N. — Scoretary, H. C. Phillips. Lames on One Marking and Minister Later (18.2).

LEAGUE OF AMERICAN MUNICIPALITYES (U.S.-cannia)—President, John J. Ryder, Neb.; Secretary, Robert E. Lee, Baltimore, Shi., William G. Stoever, Philadelphia, Pa.; Seere-tary, Rev. Lether M. Kuhns, Omaha, Neb. William Dickey; Adjutant, John Brossan, 9a. Third Street, Brodylyn, N.Y.

gs. Third Street, Brooklyn, N.V.
MRIOCo-Lineal GOGETY.—President, Thomas D.
Crothers, M.D.; Serrelary, Clark Bell, f.D.,
g-Broadway, New York City,
Manufacture, New York City,
Manufacture, Sept., New York City,
Manufacture, Sept., New York City,
Broadway—President, William A. Marble;
Secretary, S. C. Mead.
MRIPROPOLITAN MUSECH OF ART, Central Park,
off East Sand Street, New York City.—President,
Molecular V. De Forest; Searctory, N.

Ment order of Foreign Wars (Instituted 27 Dec., 1894)—Commander General,
Maj.-Gen. Charles F. Roe, Natl. Gd., N.Y.
Secretary General, Major David Banks,

Secretary and Treasurer, Col. H. O. S. Heistand, U.S.A. Army, Fort Myer, Va. MILITARY ORDER OF THE LOVAL LEGION (1861-

1865). - Commander - in - Chief, Recorder - in - Chief.

Brevet Lt.-Col. John P. Nicholson, Flanders Building, Philadelphia, Pa. MISIONARY EDUCATION MOVEMENT, 126 Fifth Avenue, New York City.—General Secretary, Harry W. Hicks. MODERN HISTORIC RECORDS ASSOCIATION

(Founded 1911). Headquarters, National Arts Club, Gramercy Park, New York City.

MOTHER'S DAY (SECOND SUNDAY IN MAY) An la Jarvis, 2031 North Twelfth Street, Ih ladelphia, Pa.

MOUNT VERNON LADIES' ASSOCIATION (Founded 1856), Regent, Miss Harriet C. Comegys; Corresponding Secretary, Mr. John J.

Corresponding Secretary, ART. John J.
Pringle, Georgetown, S.C.
NATIONAL ACADEMY OF SCHENCES (Incorporated
1863).—President, William H. Welch; Secretarics (Home), Arnold L. Day, Washington,
D.C., (Foreign) George E. Hale, Pasadena, Cal.

NATIONAL ASSOCIATION OPPOSED TO WOMAN

SUFFRAGE. — President, Mrs. Arthur M. Dodge; Secretary, William B. Glover, 35 East 39th Street, New York City. NATIONAL ASSOCIATION FOR THE STUDY AND EDUCATION OF EXCEPTIONAL CHILDERN.— President, Ira S. Wile, M.D.; Secretary, Waldemar H. Groszmann, Watchung Crest,

Prainmed, N.3.

ARTONAL ASSOCIATION FOR THE STUDY AND PREVENTION OF TUBERCULOSIS, 105 East Twenty-second Street, New York City.—

President, Dr. George M. Kober; Executive Secretary, Dr. Henry Barton.

NATIONAL ASSOCIATION OF AUDUBON SOCIETIES.

NATIONAL ASSOCIATION OF CREDIT MEN, 41

NATIONAL ASSOCIATION OF LETTER CARRIERS. 945 Pennsylvania Avenue, Washington, D.C. — President, Edward J. Gainor; Secretary,

NATIONAL ASSOCIATION OF MANUFACTURERS, 30 Church Street, New York City.—Presi-dent, George Pope; Secretary, George S.

HONAL ASSOCIATION OF STATE UNIVERSITIES.—President, Honnas F. Kane (President, University of Washington); Secretary-Treasurer, Guy Potter Benson (Fresident, University of Vermont, Burlington, Vt.). NATIONAL BAPTIST CONVENTION.— President, Rev. E. C. Morris, Helena, Ark.; Secretary, Professor R. B. Hudson, Selma, Ala.

NATIONAL CIVIC FEDERATION, r Madison Avenue, New York City.—President, Seth Low; Secretary, D. L. Cease.

NATIONAL COMMITTEE ON PRISON LABOR, 319 University Hall, Columbia University, N.Y. Chairman, Thomas Mott Osborne: Chairman.

David B. Johnson, Rock Hill, S.C. D.C.-President, Otto H. Tittmann: Seone-

(Organized 1898). — President, Brander Matthews; Secretary, Henry D. Sedgwick, 120 East Twenty-second Street, New York

William Dudley Foulke, Ind.; Secretary, Clinton Rogers Woodruff, rax South Broad

J. O. GASSOONS: Secretary-Treasurer, Hugh Kullerton, Cleveland, Ohlo. NATIONAL REFORM ASSOCIATION, 663 Publica-tion Building, aog Anderson Street, Pitts-burgil, Pa.—President, Henry C. Minton.

NATIONAL RIVERS AND HARBORS CONGRESS .-

NATIONAL SECURITY LEAGUE. - President. S. Stanwood Menken, 52 William Street, New

York City.

NATIONAL SHORT BALLOT ORGANIZATION.

President, The Hon. Woodrow Wilson;

"Trendenter, Richard S. Childs, Secretary and Treasurer, Richard S. Childs, 383 Fourth Avenue, N.Y. City. NATIONAL SOCIETY FOR BROADER EDUCATION

(Organized 1909).—President, George Edward Reed, Wilmington, Del.; Managing Director, Dr. Guy Carleton Lee, 55 West Forty-fourth

Dr. Guy Carleton Lee, 35, west forty-loss Street, New York City.

NATIONAL SOCIETY OF COLONIAL DAMES OF AMERICA.—President, Mrs. Joseph R. Lamar; Secretary, Mrs. Charles R. Miller, Red Oak Road, Wilmington, Del.

NATIONAL SPIRITUALISTS' ASSOCIATION.—Presi-dent, Dr. George B. Warne, Chicago, Ill.; Secretary, George W. Kates, 60 Penna Ave., Sercary, George W. Kates, 60 Penna Ave., S.E., Washington, D.C.; Treasurer, Cassius L. Stevens, Pittsburgh, Pa. NATIONAL TEMPERANCE SOCIETY, 373 Fourth Avenue, New York City.—President, Rev. David S. Dodge.

NATIONAL WOMEN'S CHRISTIAN TEMPERANCE
UNION (Organized 1894). Headquarters,
The Willards Rest Cottage, Evanston, Ill—
President, Miss Anna A. Gordon; Covresponding Secretary, Mrs. Frances P. Parks,
NATIONAL WOMEN'S LIFE-SAYING LEAGUE, 25

Adeline Trapp.

NAVAL HISTORY SOCIETY.—President, Rear-

Admiral C. H. Davis; Secretary-Treasurer, Robert W. Neeser, 247 Fifth Avenue, New

OF THE UNITED STATES (Organized 4 July, 1890).—General Com-mander, Admiral George Dewey; General

NAVY LEAGUE OF THE U.S. (Incorporated 1903), President, Col. Robert M. Thompson; Secretary, Arthur H. Dadmun. NEGRO RURAL SCHOOL FUND, JEANES FOUND-

ATION (Established 1907; Endowment \$1,000,000). — Director, James H. Dillard, Charlottesville, Va.
NEW YORK CHAMBER OF COMMERCE (Organized

Porter.
NEW YORK PUBLIC LIBRARY (Astor, Lenox and ment, x,204,000; in circulation department.

Y YORK ZOOLOGICAL SOCIETY, The Bronx, New York City.—President, Henry Fairfield Osborn; Secretary, Madison Grant, 11 Wall Street, New York City.

AMBIRCA (Founded-1866).—Governor-General, William Cary Sanger, Sangerville, N.Y.; Secretary - General, Henry S. Kissam, 25 Madison Avenue, New York City.

ORDER OF WASHINGTON .- Commander, Rear-ORDER OF WASHINGTON.—Commander, Ren-Admiral Charles H. Stockton; Secretary-General, Howard P. Wrighls, 1943 Octooran PATHONTO GABLE OF THE SONS GO AMERICA.— National President, Samuel D. Symmes, Secretary, Charles H. Sees, 1619 North Frond Street, Philadelphia, Pa. PATRONS OF HESBARDEY, NATONAL GRANGE.

PATEONS OF HUSBANDEY, NATIONAL GRANGE.

—Master, Oliver Wilson, Peoria, IR.; Secretary, C. M. Freeman, Tippecanoe City, Onto.

PHILIPPINE SOCIETY.—Prevident, Gen. Luke E.

Wright; Secretary, Richard B. Forrest, 149

Broadway, New York City.

PILBRIMS OF THE U.S.—Prevident, Joseph H.

Choate; Secretary, G. W. Burleigh, 52, Wall Street, New York City.
RELIGIOUS EDUCATION ASSOCIATION (Organized 1903).—President, Bishop Chas. D. Williams,

Detroit, Mich.; Secretary, Henry Frederick, Cope, D.D., 332 Michigan Avenue, Chicago, III.

ROCKEFELLER FOUNDATION (Chartered 1913), 61 Broadway, New York City.—President, 62 Broadway, New York City.—President, 63 Broadway, New York City.—President, 64 Broadway, New York City.—President, 65 Broadway, 65

67 Broadway, New York City.—President, John D. Rockefeller, ir, Secretary, Jerome D. Greene: Treasurer, L. G. Myers. RUSSELL SAGE FOUNDATION (Incorporated 1907). President of Trustees, Mrs. Russell Sage; General Director, John M. Glenn; Görer, 130 East Twenty-second Street, New York

SILVER BAY ASSOCIATION, Lake George, N.Y.— President, William D. Murray; General Secre-tary, C. L. Gates, 124 East Twenty-eighth Street, New York City.

Soliett for the Prevention of Useless Giving.—Headquarters, 205, West Fortieth Street, New York City.—President, Mrs. August Belmont; Secretary, Misa Miriam K.

Society for the Promotion of Engineering EDUCATION (Founded 1893) — President, Anson Marston, Ames, Iowa; Secretary, F.

(Founded 1822).—National Office, 627 Lexing ton Avenue, New York City; General Director, Rt. Rev. Mgr. Joseph Freri. General

Society of American Wales (33 May, 1697-19 April, 1783). Headquarters, Washington, D.C.—Commander-in-Chief, Brig.-Gen. Wm. H. Bixby, U.S.A. (retired); Recorder-General, Major Hamilton Rowan, U.S.A. (retired).

SOCIETY OF COLONIAL DAUGHTEEN (Organized t May, 1907). Precident-General, Miss Mary Florence Taney, Covington, Ky. SOCIETY OF COLONIAL Wans (Instituted 1892).

Governor-General, Howland Pell, N. Y.; Secretary-General, Clarence Storm, Room 62, 45

William Street, New York City.

SOCIETY OF NAVAL ARCHITECTS AND MARINE
ENGINEERS, as West Thirty-minth Street.
New York City. — President, Robert M.

ANN TOR CHY. — Freedanl, Robert M.
Thompson; Secretary, Daniel H. Cos.
SOCIETY OF ST. VINCENT DE PAUL. — President,
Thomas M. Mulry; Secretary, Edmond J.
Butler. Office of Superior Gouned, 375 Lafayette Street, New York City, and A New
Orleans, La.; St. Louis, Mo.; and Chicago, III.
SOCIETIS OF STANISH WAR VETERASS.—

AMERICAN WAR. — Commander-in-Chief, Capt. Charles W. Newton; Recorder-in-Chief, Major Frank Keck, 76 Broad Street, New York City.

SOCIETY OF THE ARMY OF SANTIAGO DE CUBA. Secretary and Treasurer, Col. Charles A.

Secretary and Treasurer, Col. Charles A.
Williams, U.S. Army, Washington, D.C.
UNITED SPANISH WAR VETRANS.—Commander-in-Chief, C. F. Crame"; AdjutantGeneral, Arthur C. Rogers, Cheveland, Ohio. United States Volunteer Association.— President, Col. William C. Liller. Secretary-Treasurer, Capt. Frank S. Clark.

SOCIETY OF THE ARMY AND NAVY OF THE CON-PEDERATE STATES IN THE STATE OF MARYLAND.—(Organized 1871).—President.

McHenry Howard : Secretary, Capt. William L. Ritter, Reisterstown, Md. SOCIETY OF THE ARMY OF THE CUMBERLAND (Organized 1868)—President, General Orlando A. Somers; Corresponding Secretary, Lieut. C. D. Mitchell, Chattanooga, Tenu.

Society of the Army of the Potomac (Organ-ized 1868).—President, Col. Andrew Cowan: Recording Secretary, Brevet Col. Horatio C. According Secretary, Brevet Coi. Horatio C. King, 44, Court Street, Brooklyn, N.Y. SOCIETY OF THE ARMY OF THE TENNESSEE (Organized 14 April, 1865)—President, Maj.-Gen. Grenville M. Dodge; Corresponding Secretary, Capt. J. L. Bennett, Ashland Block,

Chicago, III.

SOCIETY OP THE CHAGERS (Organized 1911).—

President, Capt. R. E. Wood, U.S.A.: Secretary-Treasurer, John K. Baxter, Panama Canal Zone.
SOCIETY OF THE CINCINNATI (10 May, 1783).—

HETY OF THE CINCINNATI (to May, 1783)— President-General, Hon. Winalow Warren, Mass.; So-retary-General, Hon. Ass Bird Gardiner, Union Club, N.Y. City. The last triennial meeting was held at Baltimore, Md., in May, 1914. The next triennial meeting will be held in May, 1917. Charles H. Wilson; Secretary, Charles E. Carly, a Rector Street, New York City.

SOCIETY OF THE WAR OF 1812 (Formed 8 Jan., 1826) - President-General, John Cadwalader, Registrar-General, Henry H. Noble, Essex,

SONS OF CONFEDERATE VETERANS (Organized 1896) — Cemmander-in-Chief, Seymour Stewart; Adjutant-General, Nathan Bedford Forrest, Memphis, Tenn.

SONS OF THE AMERICAN REVOLUTION (Organized

Sors or sue Auslinous Exvourtors (Granica) a April, são, Incorporated o June, 1905—Preside-t-éceverá, logera Clark, E. Timar-Preside-t-éceverá, logera Clark, E. Timar-Preside-t-éceverá, logera Clark, E. Timar-Preside-t-éceverá, logera Clark, E. Timar-Freside-t-éceverá, Royal Carlo (Granica) (Gra Society was nead in Washington on 14 April, 1914. Phe next meeting will be held in 1917. SONSOF VERREANS, U.S.A. (Organized 20 Sept., 1879). — Commander-in-Chief, Charles P. Silerman, Pa.; National Secretary, Horace H. Hammer, Reading, Pa. SOUTHBAN COMMERCIAL CONGRESS, Southern

THERN EDUCATION BOARD. - Chairman, Frank R. Chambers, N.Y.; Executive Scoretary, A. P. Bourland, 222 Southern Building, Washington, D.C. SOUTHERN MEDICAL ASSOCIATION.—President,

Dr Frank A. Jones : Secretary, Dr. Seale

Harris, Mobile, Ala. TARIFF COMMISSION Howard H. Gross; Treasurer, John J. Mitchell, First National Bank Building, Chicago, Ill.

THEOSOPHICAL SOCIETY. - General Secretary. B. B. Gattell, as West 4sth Street, N. Y.

President, James H. Brady; Secretary. Edwin J. Becker, Kansas City, Mo.
TRAYELER'S PROTECTIVE ASSOCIATION.—President, V. J. Schoenceker; Secretary and Treasurer, T. S. Logan, 915 Olive Street, St.

General, Edward C. Smith; Registrar-General, Mayhew W. Bronson; Secretary-General, Henry H. Andrew, 507 West End Avenue, New York City.

UNITED BRETHREN CHRISTIAN ENDEAVOR

20 June, 1809). — Commander, General Bennett H. Young, Ky.; Adjutant-General, Major-General William E. Mickle, New

UNITED DAUGHTERS OF THE CONFEDERACY (Or-

UNITED DAUGHTERS OF THE CONFEDERACY (OF-ganized to Sept., 1894.—President, Mrs. D. M. Stevens; Corresponding Scenetary, Mrs. Kate C. Schnabel, New Orleans, La. UNITED STATES DAUGHTERS OF 1812.—Olices, 32 West Eighty-seventh Street, New York City; National President, Mrs. William Gerry State; Corresponding Society, Mrs. Mathias Steelman

U.S. VOLUNTEER LIFE-SAVING CORPS, 63-65 Park

SOCIETY (Founded, 1875), Headquarters, Point Loma, Cal.—Secretary, J. H. Fussell.
UNIVERSALIST GENERAL CONVENTION (U.S. AND CANADA).—President, Rev. M. D. Shulter, D.D.; Secretary, Rev. W. H. Skeels, Water-

VEDANTA SOCIETY.—President, W. N. Goodyear; Secretary, Mrs. S. Williams; Headquarters, 135 West Eightieth Street, New York City. PERSONN CORPS OF ARTILLERY OF THE STATE OF NEW YORK (Instituted 25 Nov., 1790).—
Commandont, Ass Bird Gardiner; Adjudnat, Charles Bliot Warren, 32 East Forty-second Street, New York City.
YOUNG MEN'S CHRISTIAN ASSOCIATION.—Offices

af International Committee, 124 East Yventy-eighth Street, New York (1947); General Steventery, Birland C. Morse and Association Avenue, New York (1947); General Steventery, Martinesia Hadiquarters, 60 Lechtighton Avenue, New York (1947; President of Antional Board, Mrs. Robert E. Spectry, Vocareal Stevenburg, Mrs. Wim. CHRISTIAN EXPORTANCE, THORSE CHRISTIAN EXPERIENCE (1948); Persident, Rev. Francis E. Clark, D.D. (General Scenetzer, William Mass.

Table of Days-Average Weights and Heights-The Seasons.

A TABLE OF THE NUMBER OF DAYS FROM ANY DAY IN ONE MONTH TO THE SAME IN ANY OTHER MONTH IN ORDINARY YEARS

1 1	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
January February March April May June July	306 375 245 214 184	31 365 337 306 276 245 215	59 28 365 334 304 273 243	90 59 31 365 335 384 274	130 89 61 30 365 334 304	151 120 92 61 31 365 335	181 150 122 91 61 30 365	212 181 153 122 92 61 31	243 212 184 153 123 98 62	273 242 214 183 153 122 98	304 273 245 214 184 153 123	334 3°3 275 244 214 183 753
August September October	153 123 Q2	184 153 123	212 181 151	243 212 182	273 242 213	304 873 843	334 303 273	365 334 394	31 365 335	61 30 365	92 61 31	91 61
November December	δı	92 62	120	151	181 151	182	242	273 243	304	334	3 ⁶ 5 335	30 365

AVERAGE WEIGHTS AND HEIGHTS.

THE average height, without shoes, and the average weight, with clothes, of the white population of the United States is shown in the following table. It should be noted that growth is most rapid in the first years of life both with boys and girls, the rate being approximately the ame, although girls are generally shorter and lighter than boys. From § to no years boys grow more rapidly that girls. From so to 15 years girls grow more rapidly that boys, and at about more states of the state of th

Age	Mal	les.	Age	· / Fem	ales.
Age Completed.	Height,	Weight.	Age Completed,	Height.	Weight.
Tean. A B C C C C C C C C C C C C	fil. 6 6 9 1 8 6 6 7 6 8 8 7 7 7 7 7 8 8 8 8 8 8 7 7 7 7	18. 18. 18. 18. 18. 18. 18. 18. 18. 18.	Year. 1	# 4 4 4 4 4 4 4 4 4 8 5 5 5 5 5 5 5 5 5 5	11h 18 18 18 18 18 18 18 18 18 18 18 18 18

Spring begins	March	20	5	39 P.M.	Washington	
Summer begins		21	- 1	10 P.M.	Mean .	
Winter begins	December	31	IO	SI P.M.	Time.	

NATIONAL ACADEMICIANS.

THE National Academy of Design, corner of Amsterdam Avenue and West rooth Street, New York City, was founded in 1826, and consists of 142 National Academicians and 132 Associate National Academicians.

President (1915-16), J. Alden Weir. Vice-President, Howard Russell Butler.

Corresponding Secretary, Harry W. Watrous. Recording Secretary, Charles C. Curran. Treasurer. Francis C. Jones.

NATIONAL ACADEMICIANS. 1800 Adams, Herbert. 1907 Gay, Edward. z859 Perry, E. Wood. 1911 Platt, Chas. A. 1908 Post, George B. 1906 Potter, Edward C 1800 Barse, George R., Jr. 1908 Gilbert, Cass. 1899 Barse, George R., Jr. 1902 Beanx, Cecilia. 1894 Beckwith, J. Carroll. 1913 Bellows, Geo. W. 1905 Benson, Frank W. 1905 Grafly, Charles.
1915 Granville-Smith, W.
1867 Griswold, C. C. series (Grandella-Smith, W.

1889; Grisswold, G. C.
1890; Handlino, Hamilton,
1890; Hamilton, Hamilton,
1890; Hamilton, Hamilton,
1890; Hamilton, Hamilton,
1890; Hamilton, Khilde,
1890; Hamilton, Khilde,
1890; Hamilton, Khilde,
1890; Hamilton, Khilde,
1891; Hawiltoria, Chais, W.
1893; Hawiltoria, Chais, W.
1894; Hawiltoria, Chais, W.
1895; Hones, W. M. H.
1895; Hones, W. M. H.
1895; Hones, W. M. H.
1895; Janess, H. Bolton, Sergeant,
1895; Jones, J. Fincherick,
1895; Jones, J. Fincherick,
1895; Mayarat, William,
1896; William, Harry, Mayarat,
1896; William, Harry, Mayarat,
1896; William, Harry, Mayarat,
1896; William, Harry, Mayarat,
1896; William, Jahon, Harry, William,
1896; William, H 1906 Potthast, Edward H. 1905 Benson, Frank W. 1915 Betz, Louis. 1888 Blashfield, Edwin H. 1863 Brevoort, J. R. 1881 Bridgman, Frederick A. 1908 Brush, George de Forest 1907 Bune, William Gothey. 1809 Buler, Howard Russell. 1807 Calverley, Charles. 1807 Calverley, Charles. 1807 Canser, William M. 1809 Chase, William M. 1809 Charle, F. S. 1909 Clark, Walter. 1908 Colon, William A. 1909 Colon, William A. 1909 Colon, William A. 1909 Cook, Walter. 1918 Cook, Walter. 1908 Brush, George de Forest zgra Cook, Walter.
zgra Cooper, Colin C.
zgra Couse, E. Irving.
zgo3 Cox, Kenyon.
zgo4 Curran, C. C.
zgo5 Dalugerfield, Elliott.
zgo5 Davis, C. W.
zgo5 Davis, C. W.
zgo5 Davis, C. W. 1906 Bearth, H. G.
1869 De Førest, Lockwood,
1905 Dessar, Louis Paul,
1907 Bewey, Charles Melville,
1888 Dewing, Thos. W.
1883 Dieknan, Frederick,
1907 Deugherty, Paul,
1906 Da Mend, Frank,
1906 Edding, Thomas,
1912 Eunnett, 1914 F.
1919 Elang, Montague. 1906 Melchers, Gari.
1925 Miller, Charles H.
1915 Miller, Richard E.
1946 Moeller, Louis.
1954 Moeller, Louis.
1954 Moran, Thomas.
1959 Morbard, Thomas.
1959 Morbard, Thomas.
1959 Murphy, J. Francis.
1950 Niehsus, Charles H.
1950 Obkhusa, Leonard.
1950 Parrish, Maxfield.
1958 Parrish, Maxfield.
1958 Parrish, Maxfield. 1951 Waugh, Fred J.
1951 Weinman, Adolph A.
1886 Weir, J. Alden.
1886 Weir, John F.
1897 Weidon, C. D.
1890 Wiegins, J. Carleton,
1897 Wiles, Irving R.
1990 Williams, F. Ballard,
1873 Wilmarth, Lemuel E.
1998 Wolf, Henry.
1997 Woodbury, Charles H.
1885 Yewell, George H. roos Fester, Ben. 1997 Painier, Waiter L. 1996 Parrish, Maxfield. 1884 Parton, Arthur. 1999 Pennell, Joseph. rgor French, Daniel Chester. 1913 Garber, Daniel.

EXPORTS OF AMERICAN AUTOMOBILES.

Experts of automobiles from the United States i mobile engines, \$3,397,523, and miscellaneous in the fixed years ended 3 June, 1924, were the parts not specified, \$5,979,275. To the United ments to Alaxia, Hawaii, and Porto Elto, valued a \$5,649,175, to Germany, 1924, amounted to \$4,315,655, against \$39,325.00 in at \$3.09,940; to France, 1249, valued a 1923, the former high record year. The year's \$8,84,235; and to other countries of Europe, total included \$2,549,048. Canada and Australia \$7,779,642; automobile tires, \$4,174,545; autom- at also important markets.

THE FRENCH ACADEMY, OR FORTY IMMORTALS.

IN 1635 Cardinal Richelieu, the all-powerful minister of Louis XIII., founded the Institute of France, consisting of the French Academy of 40 members, the Academy of Inscriptions and Belles Lettres (40), Academy of Sciences (68), Academy of Fine Arts (40painting x4, sculpture 8, architecture 3, engraving 4, music 6), and the Academy of Moral and Political Science (40)—total 228 members, all elected for life. The most eminent of these is the French Academy, nominally founded for the purpose of composing a dictionary of the French language. The Secretary (elected for life) is M. Etienne Lamy.

The Academy meets twice weekly at the Palais Mazarin, 23 Quai Couti, Paris, and consists of the following members:—

Name.	Born.	Elected.	Predecessor.
Mézières, Alfred Jean François	Paris, 1826	1874	St. Marc-Girardin.
Comte d'Haussonville, Othénin P. de Clerou	Gurey, 1843	1886	Caro.
de Freycinet, Charles Louis de Saulses	Foix, 1828	1890	Emile Augier.
"Pierre Loti" (Louis Marie Julien Viaud)	Rochefort, 1850	1891	Octave Feuillet.
Lavisse, Ernest	Nouvion, 1842	1892	de la Gravière.
Bourget, Paul	Amiens, 1852	1894	Du Camp.
"Anatole France" (Jacques Anatole Thibault)	Paris, 1844	1896	de Lesseps.
Hanotaux, Gabriel	Beaurevoir, 1853	1897	Challemel-Lacour.
Lavedan, Heuri Léon Emile	Orléans, 1859	1899	Meilhac.
Deschanel, Paul	Bruxelles, 1856	1899	Hervé.
Faguet, Auguste Emile	La Roche, 1847	1900	Cherbuliez,
Marquis de Vogué, Charles Jean Melchior	Paris, 1829		Duc de Broglie.
Rostand, Edmond	Marseilles, 1868	1901	de Bornier.
Masson, Frédéric	Paris, 1847	1903	Gaston Paris.
Bazin, René	Angers, 1853	1903	Legouvé.
Lamy, Etienne	Cize, 1845	1905	Guillaume.
Ribot, Alexandre Félix Joseph	St. Omer, 1842		d'Audriffret-Pasqu
Barrès, Maurice	Charmes, 1862	1906	de Hérédia.
Donnay, Maurice	Paris, 1860	1907	Sorel.
Marquis de Ségur	Paris, 1853		Rousse.
Charmes, Francis	Aurillae, 1848	1908	Berthelot.
Richepin, Jean	Algérie, 1848	1908	Theuriet.
Poincaré, Raymond (French President)	Bar le Duc, 1860		Gebhart.
Brieux, Eugène	Paris, 1858		Halévy.
Aicard, Jean	Toulon, 1848	1909	Coppée.
Doumic, René	Paris, 1860	1909	Boissier.
Prévost, Marcel	Paris, 186a		Sardou.
Duchesne, Monseigneur	Saint Servan, 1843	1910	Mathieu.
de Régnier, Henri	Honfleur, 1864		Melchior de Vogu
Cochin, Denys	Paris, 1851		Comte Vandal.
Lyautey, Hubert	Nancy, 1854		Houssaye.
Boutroux, Emile	Montrouge, 1845	1912	Langlois.
Capus, Alfred	Aix-en-Provence,	1914	H. Poincaré,
de la Gorel, Pierre	Vannes, 1846	1014	Dangin.
Bergson, Henri	Paris, 1859	. IQI4	Ollivier.
Dolgova, actual	20020 2000		J. Claretie,
			Roujon.
			Lemaitre.
			de Mun.
			Hervieu.

THE BRITISH ACADEMY.

Burlington House, London, W. President, Rt. Hon. Viscount Bryce, O.M.

Rev. Canon Charles. Rev. Canon Charles.
Professor T. W. Rhys Davies.
Professor B. Bosanquet.
H. A. L. Fisher.
Professor P. Gardner.

Sir Courtenay Ilbert, S.C.B. Professor C. S. Kenny. Sir F. G. Kenyon, K.C.B. Professor W. P. Kerr.

Dr. G. W. Prothero. 'Reginald L. Poole.
Rt. Hon. Lord Reay, K.T.
Sir John E. Sandys.

The constitution comprises four sections; History and Archwology, Philosophy,

FINANCES OF THE UNITED STATES.

Table I .- REVENUE, EXPENDITURE AND DEBT.

Year ended	* Ordinary	* Ordinary Revenue and Expenditure.			Indebtedness.			
June 30.	Revenue.	Expenditure.	Surplus.	Gross Debt.	Cash in Treasury.	Net Deb per head		
	\$	s	- \$.	\$	\$.	\$		
1885	323,600,706	260,226,935	63,463,771	1,863,964,873	488,612,429	24.50		
18go	403,080,982	318,040,710	85,040,271	1,552,140,204	661,355,834	14.15		
1895	313,390,075	356,195,298	(42,805,223	1,676,120,983	774,448,016	13.08		
1900	567,240,851	487,713,791	79,527,060	2,136,961,091	1,029,249,833	14.58		
1901		509,967,353	77,717,984	2,143,326,933	1,098,587,813	13.46		
1902		471,190,857	91,287,375	2,158,610,445	1,189,153,204	12.24		
1903		506,099,007	54,297,667	2,202,464,781	1,277,453,144	11.44		
1904	540,631,749	582,402,321	941,770,571	2,264,003,585	1,295,771,811	11.73		
1905	544,274,684	567,278,913	\$23,004,228	2,274,615,063	1,284,748,291	11.77		
1906	594,717,942	549,405,425	45,312,516	2,337,161,839	1,372,726,152	11.25		
1907		551,705,129	111,420,530	2,457,188,061	1,578,591,306	10.06		
xgo8		621,102,390	\$20,041,667	2,626,806,271	1,688,673,862	10.55		
1909		662,324,444	\$58,734,954	2,639,546,241	1,615,684,710	11.31		
1910		659,705,391	15,806,323	2,652,665,838	1,606,216,652	11.35		
1911		654,137,998	47,234,377	2,785,600,606	1,749,816,268	10.83		
1912		654,804,624	37,224,501	2,868,373,874	1,840,799,176	10.77		
1913		682,770,706	41,340,524	2,916,204,913	1,887,640,858	10.60		
1914		700,559,248	33.784,452	2,912,499,269	1,885,242,259	10.38		
1915	695,663,190	731,527,571	\$35,864,381	3,057,836,873	1,967,988,867	10.82		

Postal Revenues not included or postal disbursements except postal deficiency.

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Table II.—FINANCES OF THE U.S. COMPARED WITH OTHER COUNTRIES.

Country.	Budget Revenue.	Budget Expenditure.	Total Debt.	Annual Charge
	\$	\$	\$	\$
The World		13,220,462,000	43,839,940,000	1,856,194,000
United States, 1913-14		1,045,601,000	1,103,665,000	22,864,000
Zanada, 1913-14	163,174,000	127,384,000	544,391,000	14,493,000
Argentina, 1914	179,637,000	180,001,000	732,398,000	35,818,000
Austria-Hungary, 1913-14	160,487,000	160,487,000	1,043,675,000	47,960,000
Belgium, 1914	155,812,000	155,704,000	825,518,000	41,978,000
Brazil, 1914	192,729,000	191,656,000	1,026,312,000	40,121,000
Chile, 1914	81,801,000	78,604,000	207,704,000	8,212,000
China, 1912	193,261,000	375,147,000	969,189,000	33,696,000
Cuba, 1913-14	37,940,000	33,974,000	67,620,000	4,458,000
Denmark, 1913-14		29,856,000	95,716,000	3,315,000
Egypt, 1914	89,775,000	. 89,775,000	458,437,000	22,730,000
France, 1914	1,001,511,000	1,001,987,000	6,346,129,000	252,000,000
German Empire, 1913-14	879,656,000	879,656,000	1,194,052,000	58,037,000
Greece, 1913		49,014,000	205,640,000	7,267,000
Indian Empire, 1913-14	410,059,000	403,597,000	1,475,292,000	48,104,000
(taly, 1913-14	512,800,000	505,841,000	2.921,153,000	100 390,000
Japan, 1914-15	325,833,000	282,624,000	1,267,445,000	70,623,000
Mexico, 1913-14	64,544,000	70,296,000	226,404,000	13,761,000
Netherlands, 1914	91,823,000	101,845,000	461,640,000	15,514,000
Norway, 1913-14	40,313,000	42,800,000	97,215,000	4,753,000
Peru, 1914	17,266,000	15,134,000	34,268,000	542.000
Portugal, 1013-14	81,966,000	80,909,000	947,603,000	30,145.000
Rumania, 1913-14	103,507,000	103,507,000	316,693,000	17,582,000
Russia, ror4		1,860,088,000	4,536,939,000	207,085,000
Spain, 1914		210,041,000	1,814,270,000	78,985,000
Sweden, 1914		73,362,000	166,810,000	8,747,000
Switzerland, 1914		20,350,000	23,614,000	1,798,000
Turkey, 1912-13		168,203,000	675,654,000	64,271,000
United Kingdom, 1913-14		961,100,000	3.443,700,000	310,220,000

Including postal.

Table III,-*RECEIPTS AND THEIR SOURCES, 1911-1915.

Source,	Year ended June 30, agus.	Year ended June 30, 1918.	Year ended June 30, 1913.	Year ended June 30, 1924.	Year ended June 30, 1915.
Customs Revenue	\$ 314,497,071 322,529,201 64,346,103	\$ 311,321,672 321,612,200 58,844,593	344,416,966	\$ 292,128,528 379,999,999 62,215,173	415.657.052
Total Ordinary	701,372,375	691,778,465	724,111,230	734,343,700	695,663,190
Public Debt Receipts	58,334,725	53,726,749	23,400,850	3,118,940	933,540
Total Receipts	759,707,100	745,505,214	747,512,180	737,462,640	696,596,730

Table IV .- DISBURSEMENTS AND THEIR OBJECTS, 1910-1914.

Object.		Year ended June 30, 1911.	Year ended June 30, 1912,	Year ended June 30, 1913.	Year ended June 30, 1914.
	8	\$	\$	\$	2
Legislative	13.616.406	12,344,838	12,720,050	13,291,813	23,468,828
Executive :	13,010,490	*3,344,030	10,709,950	-3,092,013	23,400,020
Executive Office		734,603	923,979	592,015	
Department of State		4,902,175	4,511,475	4,978,380	
Treasury Department	87,425,755	87,718,816	88,558,324	85,013,058	
War Department	158,172,957	162,357,100	151,048,896	162,607,913	
Navy Department	123,974,208	120,728,786	136,389,660	134,002,417	140,543,050
Interior Department	201,180,601	sox, 968, 76x	197,761,594	217,775,366	216,311,438
Post Office Department	10,117,907	1,812,504	3,461,232	3,196,710	
Department of Agriculture	16,976,028	17,606,228	19,471,567	20,460,028	
Department of Commerce)				(11,263,457	
Department of Labor	19,221,704	15,503,443	14,466,998	3,347,380	
Department of Justice	1,010,454	2,373,589	1.388,562	1,523,068	
Department of Justice	4,040,934			2,878,326	
Independent Bureaus	2,323,799	2,555,974	2,553,747		
District of Columbia	11,650,497	12,335,940	12,959,542	12,841,211	
Judicial	8,596,135	8,135,151	8,328,437	8,900,564	8,599,579
Total Ordinary	659,705,391	654,137,998	654,553,963	682,770,706	700,254,490
Panama Canal	33,011,673	37,063,515	35,327,371	41,741,258	34,826,041
Public Debt	33,049,696	35,223,337	28,648,328	24.101.610	
	224.128,658			262,108,875	20,901,327
Postal	224,128,058	237,660,705	246,744,016	202,100,075	a83,558,103
Lotal Disbursements	950,795,418	964,085,555	965,273,678	1,010,812,449	1,045,600,861

Table V DEBT OF THE UNITED STATES, 1911-1915.						
Items.	At July 2, 1911.	At July 1, 1912.	At July 1, 1913.	At July 1, 1914.	At July 1, 1915.	
Debt:-	\$	\$	\$	\$	- L\$	
2 per cents.	730,882,230.00	730,882,130.00	730,882,130.00 3,380,120,00	730,882,130.00 4,635,820,00	730,882,130.00 6,441,600,00	
3 per cents.	65,981,150.00	113,045,460,00	113,945,450,00	113,945,460,00		
Total interest-bearing Debt	915.353,190.00	963.776,770.00	965,706,620.00	967,953,310,00	969,759.098.00	
Annual interest charge	21,335,673.40	22,787,084.40	22,835,330.40	22,863,956.70	22,903,895,24	
Debt on which interest has ceased	1,879,830.26	1,760,430,26	2,659,550.26	1,552,560,26	1,507,260,26	
Debt bearing no interest	z,848,367,586.43	1,900,836,653.90	1,948,838,753.40	1,942,993.398.90	2,085,570,512.90	
Outstanding principal	2,765,600,606.69 1,749,816,268.23	2,868,373,874.16 1,840,799,176,88	2,026,204,913,66 1,887,640,858.52	2,912,499,269.16 1,885,242,259.60	3,657,836,873.16 1,967,988,867.16	
Total debt less Cash in Treasury	1,015,784,338.46	1,027,574,697.28	1,028,564,055.14	1,027,257,009.55	1,089,848,006.00	
Population (Continental) U.S. June	93.792.509	95,410,503	97,008,497	99,027,000	200,725,000	

11'66

31'40

11'38 On z July of each year. RESOURCES AND LIABILITIES OF NATIONAL BANKS

Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, where the Owner, where the Owner, where the Owner, which is the					
RESOURCES-	Sept. 12, 1914.	May 2, 1915.	LIABILITIES-	Sept. 12, 1914.	May 2, 1915.
Number of Banks	7,538	7,604	Number of Banks	7,538	7,604
	S	\$		S	5
Loans and Discounts.	6.400.267.286	6.642.887.051	Capital Stock paid in	1,060,332,072	x.065,801,07
Overdrafts	17,142,637	5,904,374	Surplus Fund	724,138,519	719,329,46
U.S. Bonds to secure		3/7-4/3/4	Undivided Profits.		
circulation	736,685,849	-	less expenses and		
Total U.S. Bonds	75-7-57-65	783,994,426		287,343,679	293,683,95
Miscellaneous securi-		1-3/994/4-1	National Bank Notes		
ties to secure cir-			Outstanding	918,270,315	727,793,36
culation	392,663,116		State Bank -Notes		
U.S. Bonds to secure	0, 0		Outstanding	27,693	
U.S. Deposits			Due to :-		
Other Bonds to se-			Other Nat. Banks	904,331,571	T-Section 1
cure U.S. Deposits.		·	State Banks and		
U.S. Bonds on Hand.	6,423,780	- "	Bankers		_
Prem. on U.S. Bonds.			Trust Cos. and Sav-		
Bonds, Securities, &c.	941,723,232	-	ings Banks		-
Total Bonds, Securi-			Federal Reserve		
ties, etc		1,158,108,945	Bank	-	8,09
Stocks	42,032,851	85,762,039	Approved Reserve		
Banking House, Fur-			Agents	39,871,080	
niture and Fixtures		269,417,032	Banks and Bankers	-	2,220,110,10
Other Real Estate			Dividends unpaid	1,250,322	
owned	40,787,222	49,487,321	Individual deposits	6,139,081,279	
Due from :			U.S. deposits	69,712,446	and .
Nat. Banks (not			Postal Savings de-		
reserve agents).		-	posits	27,626,325	
State Banks and			Demand deposits		5,407,211,47
Bankers	191,968,078	-	Time deposits		1,254,369,87
Federal Res. Bank		290,412,590	U.S. Bonds borrowed	34,407,245	33,536,80
Approved Res. Agts	673,958,901	740,541,471	Other Bonds bor-		

53,86z,8₇8 the same place..... Exchanges for Clear-ing House 41,048,205 25,981,95 37,568,342 118,588,403 30,242,625 34,204,681 52,779,000 73,546,639 6,443,087 21,327,605 3,591,586

3,652,639

£2.818.000

746,198,917 157,508,431

Federal Res. Notes ..

11,483,529,494 11,842,354,995

COIN AND PAPER CIRCULATION OF U.S.

The following table shows the Coin and Paper Circulation of the United States, the Estimated containing and the Amount of Circulation Per Head of the Population on 1 July, 1912 O 1915;—

Kind of Money,	2922,	1913,	1914.	7975.
Coin and Bullion\$	2,238,757,943	2,308,112,363	2,638,828,430	2,747,153,358
U.S. Notes and Bank Notes\$	1,045,755,150	1,055,626,086	1,099,791,915	1,250,215,110
Total	3,284,513,093	3,363,738,449	3,738,620,345	3,997,368,468
	364,357,557	356,331,567	319,451,977	412,227,842
	2,920,155,536	3,007,406,882	3,419,168,368	3,585,140,626
	95,656,000	97,337,000	99,027,000	100,725,080
	34*34	34,56	34,53	- 35'59

CLEARING HOUSE STATISTICS.

	Year ended 30 September.						
_	1911.	1912.	1913.	1914.			
Clearing House at :-	, \$	\$.	\$	\$			
Baltimore, Md	1,740,368,000	1,893,003,000	2,001,447,000	1,899,808,093			
Boston, Mass	8,306,738,000	8,865,807,000	8,325,228,000	7,229,084,396			
Chicago, Ill.	13,821,387,000	14,864,498,000	16,018,176,000	16,139,932,043			
Cincinnati, Ohio	1,276,279,000	1,347,123,000	1,329,668,000	1,331,580,000			
Cleveland, Ohio	1,001,569,000	1,101,007,000	1,271,232,000	1,271,066,664			
Detroit, Mich	943,717,000	1,087,803,000	1,286,042,000	1,385,574,210			
Kansas City, Mo	2,591,012,000	2,630,704,000	2,844,634,000	2,868,580,200			
Louisville, Ky	679,696,000	707,977,000	711,508,000	686,839,958			
Minneapolis, Minn	1.063.638.000	1,109,627,000	1,326,146,000	1,326,148,674			
New Orleans, La.	1,024,366,000	1,031,673,000	1,002,053,000	974,437,194			
New York, N.Y.	92,420,120,000	96,672,301,000	98,121,520,000	87,137,898,007			
Philadelphia, Pa	7,683,683,000	7,878,577,000	8,543,472,000	8,231,517,620			
Pittsburgh, Pa.	2,539,143,000	2,687,970,000	2,951,861,000	2,725,372,355			
St. Louis, Mc	3,827,444,000	3,978,870,000	4,122,115,000	4,051,824,546			
San Francisco, Cal.	2,372,725,000	2,62 ,035,000	2,666,628,000	2,544,028,885			
	18,081,565,000	20,028,297,000	21,231,648,000	24,218,963,993			
O CALCO CALCOLOGICA CONTRACTOR CO	10,001,303,000	20,020,29/,000	22,232,040,000	24,210,903,993			
Total	YED 272 450,000	168 E06 262 000	172.76¢ 288.000	164 022 664 046			

THE ELECTORAL COLLEGE, 1916.

STATES.	Electoral Votes.	States.	Electoral Votes.	STATES.	Electoral Votes.
Alabama Arizona Arizon	9 13 6 7 3 6 14 4 29 15 13 10	Maryland	18 4 8 3 4 14 3	Oregon Pennsylvania Rhode Island South Carolina South Dakota South Dakota Texasee Texase Texas	38 5 9 5 13 181 14 14 12 7 8

PRINCIPAL BANKS IN THE UNITED STATES.

AND AND ADDRESS OF THE PARTY OF		-	
Location and Name.	Founded. (Year.)	Subscribed Capital.	Reserve and Surplus.
Alabama-		\$	\$
Birmingham, First National Bank	1885	1,500,000	1,500,000
Alabama— Birmingham, First National Bank Mobile, First National Bank People's Bank	1871	300,000	680,000
			000,000
Juneau, B. M. Behrends Bank	1892	50,000	32,000
Pirst National Bank	1898	50,000	10,000
Arizona-			
Bisber, Bank of Bisbee Douglas, Bank of Douglas	1900	50,000	50,000
Clobe First Vational Bank	1902	100,000	50,000
Globe, First National Bank Phænix, Republic Trust Co.	IQII	1,654,000	257,000
		100,000	25,000
Consolidated National Bank	1890	200,000	149,000
Arkansas-			
Hot Springs, Arkansas National Bauk Little Rock, German National Bank	1882	100,000	240,000
California-	1075	750,000	150,000
Alameda, Savings Bank	1890	236,000	146,000
Alameda, Savings Bank Auburn, Placer County Bank Bakersfield, Security Trust Co.	1887	200,000	35,000
Bakersfield, Security Trust Co.	1910	400,000	145,000
Eureka, First National Bank "Humboldt National Bank Fresno, Farmers' National Bank Wint National Bank	1901	200,000	150,000
" Humboldt National Bank	1873 188a	200,000	81,000
Fresho, Farmers' National Bank	1885	500,000	200,000
", First National Bank Henferd, First National Bank	1005	100,000	215,000
		100,000	80,000
Los Angeles, Farmers' and Merchants' National Bank	1903	1,500,000	1,000,000
Citizen National Bank	1800	1,500,000	500,000
First National Bank	1880	1,500,000	300,000
Merchants' National Bank Marysville, Rideout Bank	1861	1,000,000	601,000
Modesto, Modesto Bank	1878	250,000	347,000 55,000
Monterey Rank of Monterey	1891	100,000	25,000
Monterey, Bank of Monterey Onkland, Bank of Savings Pasadesia, First National Bank	1868	1,150,000	1,532,000
Pasadena, First National Bank	1884	200,000	100,000
Petaluna, National Bank	1871	175,000	85,000
Swiss American Bank	1866	400,000 250,000	173,000
Diagonilla & Migraon Ronking Co.	+86+	50,000	50,000
Richmond, First National Bank Riverside, First National Bank , Citizen National Bank	IQIO	100,000	19,000
Riverside, First National Bank	1885	300,000	65,000
,, Citizen National Bank	1903	150,000	150,000
Sacramento, Sacramento Bank California National Bank	1867	1,000,000	404,000
Cantornia National Bank	1882	1,000,000	300,000
County Savings Bank	1903	150,000	60,000
San Birga Rank of Cummerce and Tr. Co.	1907	500,000	200,000
San Bernadino, National Bank County Savings Bank San Riego, Bank of Commerce and Tr. Co. San Francisco, Bank of California National Association	1864	8,500,000	8,382,000
		1,500,000	330,000
Anglo & London Paris National Bank	1852	6,000,000	5,130,000
Crocker National Bank First National Bank	1886	2,000,000	2,000,000
International Banking Cor	1002	3,000,000	1,999,000
Mercantile National Bank	1902	2,000,000	1,000,000
Merchants' National Bank	. 1906	1,500,000	215,000
International Banking Cor- Mercantile National Bank Merchants National Bank Savings Union Bank and Tr. Co.	. 1862	1,500,000	2,120,000
,, Union France Co.	. 1093	1,200,000	1,764,000
Wells Fargo Nev. National Bank	. 1852	300,000	5,130,000
San Luis Obieno Commercial Bank	1005	300,000	100,000
San Rafael, Bank of San Rafael	IOII	100,000	21,000
Santa Ana, First National Bank	. 1886	300,000	329,000
Santa-Barbara, Commercial Bank	1887	225,000	30,000
Santa Clara, Valley Bank	. 1893	60,000	70,000
Santa Cres Co., National Bank	1875	150,000	30,000
Sen Jobe, Sat Deposit Bank. Sen Jobe, Sat Deposit Bank. Sen Lisi Solita Deposit Bank. Sen Lisi Solita Solita Bank. Sen Lisi Solita Soli	1877	283,350	158,000
Stockton, Farmers' and Merchants' Bank	. 1888	500,000	277,000

Location and Name.	Founded. (Year.)	Subscribed Capital.	Reserve and Surplus.
California-continued.		\$ _	\$
Stockton, Savings and Loan Society	1867	500,000	130,000 40,000
Savings Bank Valleia Commercial Bank	1880	150,000	4,000
Vallejo, Commercial Bank Visalia, National Bank of Visalia Watsouville, Pajaro Valley National Bank Winters, Citizen Bank	1873	200,000	259,000
Watsonville, Pajaro Valley National Bank	1888	100,000	100,000
Winters, Utizen Bank.	1885	92,200 95,000	7,000
First National Bank Woodland, Bank of Woodland	1868	95,000	326,000
Colorado Springs, First National Bank Denver, First National Bank	1874	200,000	494,000 1,065,000
Denver, First National Bank	1884	1,250,000 1,000,000	1,005,000
National Bank	1866	500,000	1,530,000
Connecticut-			
Bridgeport, First Bridgeport National Bank	1864 1882	1,000,000	500,000 250,000
Hartford, Phonix National Bank	1814	1,000,000	1.230,000
National Bank	1792	1,200,000	600,000
New Haven, Second National Bank	1855	750,000	801,000
Delaware— Yale National Bank	1853	500,000	500,000
Wilmington, Trust Co.	1903	1,000,000	666,000
Wilmington, Trust Co	1889	500,000	812,000
District of Columbia-	1896	1.000,000	2,106,000
Washington, Rigg's National Bank	1880	1,000,000	1,000,000
District National Bank	1909	550,000	353,000
Jacksonville, Heard National Bank	1912	750,000	250,000
Pengagola, National Bank of Commerce	1914	300,000	730,000
American National Bank	1900	300,000	6,000
Tallahasee, Capital City Bank	1889	50,000	3,000
Exchange Bank	1913	50,000	400,000
Florda- Jackshwille, Heard National Bank Jackshwille, Heard National Bank Pensoolo, National Bank of Commerce American National Bank Tüllehasse, Capital City Bank Exchange Bank Tumps, First National Bank Jumps, First National Bank Jumps, First National Bank	1892	250,000	500,000
Georgia-			
Atlanta, National Bank , Lowry National Bank , Lowry National Bank , Georgia Railroad Bank	1865	1,000,000	1,000,000 2,000,000
Augusta, Citizen and Southern Bank	1912	1,000,000	I,200,000
Georgia Railroad Bank	1893	600,000	421,000
		500,000	400,000 250,000
" Fourth National Bank Savannah, Citizens' and Southern Bank	1906	300,000	1,132,000
Howaii			
Honclulu, Bank of Hawaii, Ltd. First National Bank of Hawaii.	1897	600,000	600,000
, First National Bank of Hawaii.	1900	500,000 600,000	87,000
Idaho Bank of Honolulu	1097	000,000	. 67,000
Boise, First National Bank of Idaho	1867	300,000	200,000
Illinois—	1865	100,000	200,000
Alton, National Bank	1005	200,000	
Chicago		21,500,000	.8,500,000
		3,000,000	1,500,000
", Continental and Commercial Trust and Savings Bank	1889	3,000,000	5,000,000
, First National Pank , Continental and Commercial Trust and Savings Bank , Corn Exchange National Bank , First Trust and Savings Bank , Fort Dearborn National Bank	1903	5,000,000	5,000,000
Fort Dearborn National Bank	1870	2,000,000	500,000
,, Illinois Trust and Savings Bank		5,000,000	7,439,650
National Bank of the Republic	rggr	2,000,000	1,000,000
Northern Trust Co. Bank	p88s	2,000,000	1,500,000
State Bank of Chicago	1879	1,500,000	1,800,000
"Union Trust Company	1869 1885	750,000	675,000
Springfield, Marine Bank	1851	300,000	300,000
Springfield, Marine Bank	1866	300,000	156,000
Indiana-		500,000	225,000
Fort Wayne, First National Bank	1803	2,000,000	1,000,000
Andminispoirs, Pieterier Rimerican Naviousi Dans	-39		

172 Principal Banks in the Uni	toto Dette	00.	
Location and Name.	Founded. (Year.)	Subscribed Capital.	Reserve a: Surplus
Indiana -continued.		\$.	. \$
Indianapolis, Merchants' National Bank	. 1865	1,000,000	750,00
Indianapolis, Merchants' National Bank	1872	250,000	300,00
Des Moines, Iowa National Bank	. 1875	1,000,000	500,00
Kansas West National Bank	. 1879	250,000	150,00
Hutchinson, First National Bank Kansas City, Interstate National Bank	. 1890 . 1897	500,000	1,259,0
Commercial National Bank	1802	300,000	394,0
Tonela Rank of Tonela	1863	310,000	160,00
Topeka, Bank of Topeka. "Central National Bank"	. 1883	200,000	104,0
Louis ville, National Bank of Kentucky	. 1834	1.645,000	1,475,0
, National Bank of Commerce	. 1866	800,000	536,0
	1894	800,000	210,0
Louisiana-			
New Orleans, Canel Bank and Trust Co. Commercial Germania Trust and Savings Bank	. 1904	2,000,000	800,0
,, Commercial Germania Trust and Savings Bank		1,250,000	100,0
Citizens' Bank and Trust Co	1870	1,500,000	2,000,0
	1070	750,000	450.0
	1871	1.000,000	500,0
" Purel Credit Co	Igiz	1,000,000	250,0
", Rural Credit Co	1883	2,500,000	1,500,0
		-,3,	1
Portland, First National Bank	1864	600,000	534,0
Canal National Bank	1826	600,000	380,0
Baltimore, Citizen National Bank Baltimore, Citizen National Bank Merchant-Mechanics National Bank National Exchange Bank National Union Eank of Maryland	1894	1,000,000	2,010,0
Merchant-Mechanics National Bank	1835	2,000,000	2,034,0
, National Exchange Bank	1865	1,500,000	850,0
Massachusetts		1,000,000	709,0
Massachusetts-	1881	1,000,000	1,500,0
Massichusetts Park Turk (D. Boffon, Ansterdan Turk (D. For Massichus Safe Deposit and Turk (D. First National Bank Fourth Atlantic National Bank International Turk (D. National Turk (D. National Turk (D. National Shawmut Bank New England Turk (D. New England Turk (D. New England Turk (D.)	1867	1,000,000	2,000,0
,, DOSIOH Saie Deposit and Trust Co	1864	5,000,000	11,700,0
Fourth Atlantic National Rank	1828	1,500,000	I,000,0
International Trust Co.	1879	1.000,000	. 1,000,0
National Union Bank	1792	1,060,600	1,000,0
National Shawmut Bank	1837	10,000,000	5,000,0
New England Trust Co	1869	1,000,000	2,000,0
Old Colony Trust Co	1890	6,000,000	8,000,0
, Merchants' National Bank	1864	3,000,000	2,000.0
, Second National Bank	1832	2,000,000	2,000,0
", Webster and Atlas National Bank	1853	1,000,000	1,000,0
Springfield, Safe Deposit and Trust Co.	1886	500,000	814,0
", National Bank	1893	750,000	752,0
New England Trust Co. Old Colony Trust Co. Merchandy National Fank. Merchandy National Fank. Webster and Allan National Bank Springfeld, Safe Deposit and Trust Co. National Bank Worster, National Bank Worster, National Bank	1868	1,000,000	25,0
Michigan-	1000	1,000,000	25,0
D. J. A. Wood on I Old Defeath Matieural Bonks	-06-	5,000,000	2.500,0
Paomla's Stata Renk	1007	2,000,000	2,000.0
People's State Bank People's State Bank Grand Rapids, Nationa lCity Bank Saginaw, Bank of Saginaw	1907	1,000,000	402,0
Saginare, Bank of Saginaw	1888	500,000	492,0 830,0
Duluth, American Exchange National Bank	1879	500,000	1,612,0
Minneapolis, First National Bank	1864	2,500,000	2,000,0
n. Rorthwestern National Bank	1872	4,000,000	2,000,0
Scandinavian American National Bank	1909	1,000,000	200,0
Cu Paul Piret Vetional Pank	1863	3,000,000	2,000,0
Dittura, American Exchange sautan sama Minocaptica, Sorthwastern National Bank Scandinavian American National Bank Security National Bank St. Paul, First National Bank	1872	2,000,000	4,500,0
		2,000,000	4,200,0
Inches Canital National Rank	1872	200,000	140,0
Jackson, Capital National Bank Meridan Pirst National Bank titzen National Bank	1883	260,000	180.0
Citizen National Bank	1904	150,000	125,0
Missoner			
Kansas City, First National Bank	1886	1,000,000	1,000,6
Kansas City, First National Bank Southwest National Bank of Commerce S. Louis, Boatmen's Bank	1865	3,000,000	1,000,0
S. Louis, Boatmen's Bank	1847	2,000,000	1,000,0
Merchants' Laclede National Bank of St. Louis	1899	3,000,000	6,909,0
		1,700.000	1,500.0

Missualcontinued. St. Louis, Mechanics' American National Eank. 1857 3,000,000 2,7,84,000 2,784,000	Location and Napse.	Founded. (Year.)	Subscribed Capital.	Reserve and Surplus.
St. Louis, Mechanics', American National Eank. 1507 2,000,000 3,000,00	Wingonyi continued		Si	\$.
Mathons Bank of Onmercia 1800 1	St. Louis, Mechanics' American National Bank.	1857		
Mathons Bank of Onmercia 1800 1	Mississippi Valley Trust Co	,1890		3,500,000
St. Louis Union Bank	National Bank of Commerce	1857		
## Third National Bank				
Montains	Third National Rank	1857		
Butter, First National Bank	Wontana-			210301000
Marchael Marchael	Butte, First National Bank	1877	300,000	300,000
Olimarka First National Bank	Nebraska-			
National Bank 1886 1,000,000 200,000	Lincoln, First National Bank	1871		300,000
New Mark	Omaka, First National Bank	1866		_ 1,000,000
New Mark	United States National Bank			
Elbo, Henderton Banking Co. 1500,000 1500,000 25				
Ramp, Nashee County Bank				
New Language Section		1880	500,000	220,000
	New Hampshire—	-26-	200,000	270.000
	Manchester American National Bank	1864		
	Now Jarsey-			4,
### Advances First National Bank ##p \$50,000 \$1,000	Jersey City, Commercial Trust Co	1900	1,000,000	
### Advances First National Bank ##p \$50,000 \$1,000	Newark, Fidelity Trust Co	1887	3,000,000	
### Advances First National Bank ##p \$50,000 \$1,000	Union National Bank	1902	1,500,000	1,500,000
New York	New Mexico-	-0-0	200.000	81 000
New York	Albuquerque, First National Dank	1880		
New York	Santa Di Pivat National Rank	1870		
Afficiary National Commercial Bank 1846 1,000,000 1,000,				10/
Big	Albana National Commercial Bank	1826		1,500,000
Buffelo, Esnik of Buffalo,			250,000	1,000,000
Marine National Bank of Bullan 1996 5000,000 6000,000	Binghampton, First National Bank	1803		
Marine National Bank of Bullan 1996 5000,000 6000,000		1806		
New York Cities, Americana Exchange National Eank	Marine National Bank of Buffalo		5,000,000	
Bank of America			5,000,000	4,867,000
Chase National Bank	Bank of America	1812	1,500,000	
Chase National Bank	Bank of The Manhattan Co	1799	2,050,000	4,100,000
Chase National Bank	,, Bank of the Metropolis	1071	2.000,000	4.448.000
Chase National Bank	" Renkers' Trust Co.	1003	10,000,000	10,000,000
Chase National Bank	Battery Park National Bank	1904	1,200,000	
Chase National Bank	Bowery Bank	1865		
Chemical Matlonal Bank	,, Broadway Trust Co	1902		
Chemical Matlonal Bank	", Chase National Bank	1877	5,000,000	
Citizens Central National Bank	" Chamical National Rank	1824	2,000,000	
Coal and Iron National Bank 1904 1,000,000 0,007,000	Citizens' Central National Bank	1851		1,500,000
Equitable Trust Co.	Coal and Iron National Bank	1904		
Fifth Avenus Bank	Corn Exchange Bank	-		6,979,000
Fifth Avenus Bank	,, Equitable Trust Co	1902		9,171,000
Fifth Avenus Bank	" Farmers' Loan and Trust Co	1022	1,000,000	1.000.000
First National Bank	" Pitth Avenue Renk	1875	100,000	
Garrield National Bank	" First National Bank	1861	10,000,000	
Guaranty Trust Co.				
Importer and Traders National Bank 1555 1,500,000 1,000,00	Guaranty Trust Co.	1854		20,000,000
Importers and Traders National Bank 1855 1,500,000 1,000,0	,, Hanover National Bank	1050		500,000
International Banking (Corporation 1992 3,459,000 4,000,000	", Harriman Nadional Dank	1855	1,500,000	6,000,000
Irving National Bank	International Banking Corporation	1902	3,250,000	4,066,000
Liberty National Bank	Irving National Bank	1851	4,000,000	3,000,000
Maries and Pulnon National Bank 1883 1,000,000	Liberty National Bank	1891		
Marchante Rechange National Bank 1819 4,000,000 6,975,000	, Lincoln National Bank	1883		
Merchandr Exchange National Bank they 1,000,000 600,000 Merchandr National Bank 1893 1,000,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,0	" Market and Futton National Bank	1810		8,875,000
Merchanti National Bank	Merchants' Erchange National Rank	1820		
Mictropolitan Bank	Merchants' National Bank	. 1803	2,000,000	
National Bank of America: 1539 25,000,000 10,000,000 National City Rank	Metropolitan Bank	. 1905		
National City Bank	", National Bank of America	1839		10,000,000
, National Park Dank	" National City Bank	-8-6		75,000,000
	" National Park Dank	1020		3,000,000

Principa			

174 Trincipal Dunks in the C	270000 2000		
Location and Name.	Founded.	Subscribed Capital,	Reserve and Surplus.
W. V.		\$	\$
New York-continued.	1855	500,000	1.700.000
New York City, New York County National Bank	1855	500,000	1.700,000
Public Bank	1908	750,000	326,000
" Public Bank Seaboard National Bank Seaboard	1883	1,000,000	2,733,000
Second National Bank	1503	1,000,000	2,987,000
State Bank	1890	1,500,000	700,000
United States Mortgage and Trust Co	1871	2,000,000	4,000,000
Union Exchange National Bank	1903	1,000,000	700,000
_ Charlotte, Commercial National Bank	1874	500,000	100,000
Charlotte, Commercial National Bank Via First National Bank	1865 '	300,000	438,000
North Daketa— Bismarck, First National Bank Ohio—	1879	100,000	111,000
Cincinnati, Central Trust and Safe Deposit Co	1883	500,000	816,000
Cincinnati, Central Trust and Safe Deposit Co	1880	2,000,000	1,011,000
Citizens' National Bank , Fifty-Third National Bank	1882	3,000,000	1,250,000
,, Piret National Bank	1863	6,000,000	1,200,000
Fifty-Third National Bank. First National Bank Provident Savings Bank and Tr. Co. Second National Bank. Union Savings Bank and Trust Company Western Gannau Bank	1900	1,400,000	1,000,000
Second National Bank	1863	1,000,000	200,000
Union Savings Bank and Trust Company	1890	1,000,000	2,000,000
Western German Bank	1875	375,000	500,000
Cleveland, Bank of Commerce	1899	2,000,000	1,000,000
Cleveland, Bank of Commerce ,, Central National Bank	1890	1,000,000	802,000
		2,500,000	1,900,000
" Cleveland Trust Company	1894	2,500,000	2,500,000
" Guardian Savings and Tr. Company	1894	2,000,000	2,000,000
" National Commercial Bank Columbus, Hayden-Clinton National Bank	1867	1,500,000	1,080,000
Dayton, Fourth National Bank	1888	700,000	250,000
Toledo, First National Bank		1,500,000	1,161,000
Toledo, First National Bank	1864	1,000,000	1,000,000
, Second National Bank , Second National Bank Youngstown, First National Bank	1863	1,500,000	1,378,000
		2,300,000	1,3/0,000
Oclahoma City, American National Bank Stock Yard National Bank	Igor	500,000	50.000
Stock Yard National Bank	1910	250,000	200,000
Albany, First National Bank	1909	60,000	200
		130,000	130,000
Astoria, savings bank Baker, First National Bank Eugene, First National Bank Medford, Jackson County Bank Portland, First National Bank	1883	200,000	100,000
Eugene, First National Bank	1883	100,000	225,000
Medford, Jackson County Bank	1865	100,000	75,000
Portland, First National Bank	1859	2,500,000	1,165,000
" Ladd and Tilton Bank	1906	1,000,000	269,000
" Lumbermen's National Bank	1801	1,000,000	1,000,000
Salem, Ladd and Bush	18g1 1868	500,000	126,000
		3,	1 111,000
	1781	1.000,000	2,250,000
Patacacpata, Bank of Norta America. Central National Bank Corn Exchange Bank First National Bank First National Bank Fourth Street National Dank	1865	1,000,000	3,610,000
Corn Exchange Bank	1864	1,000,000	1,990,000
, Farmers' and Mechanics' National Bank .	1807	2,000,000	1,350,000
First National Bank	1863	1,500,000	1,692,000
,, Fourth Street National Bank	1886	3,000,000	6,000,000
		1,000,000	3,492,000
,, Girard National Bank	1832	2,000,000	4,350,000
", Girard National Bank ", Penusylvania National Bank ", Philadelphia National Bank	1828	500,000	1,400,000
		1,500,000	4,000,000
Pittsburgh, Bank of Pittsburgh	1840	500,000 2,400,000	925,000
Diamond National Bank	1875	500,000	1,500,000
	1832	6,000,000	1,500,000
		4,000,000	2,580,000
Mellon National Bank	1860	6,000,000	2,000,000
Monongabela National Bank	1888	1,000,000	1,500,000
Peoples' National Bank	1864	2,000,000	1,000,000
Union National Bank	1857	2,000,000	4,000,000
" FIRS-Second National Bank " Mellon National Bank " Monougahela National Bank " Peoples National Bank " Peoples National Bank " Peoples National Bank Roading, National Union Bank Wilkes Burre, Miner's Bank Wilkes Burre, Miner's Bank Wilkeraport, West Branch National Bank	1857	200,000	920,000
Wilkes Barre, Miners' Bank	1868	500,000	2,600,000
	1835		1,375,000

Location and Name,	Founded. (Year.)	Subscribed Capital.	Reserve and Surplus.
Philippine Islands— Manila, International Banking Corporation	-	3,250,000	\$ 4,066,000
Providence, Industrial Trust Co	1886	3,000,000	4,300,000
Merchants' National Bank	1818	1,000,000	1.190,000
Wational Pychange Pank	1801	500,000	1,120,000
R. I. Hospital Trust Co	1867	2,500,000	3,250,000
Inion Trust	1800	1.000,000	550,000
Finited National Bank	1901	500,000	791,000
South Carolina -			
Charleston, Bank of Charleston, National Banking Ass'n	1834	500,000	300,000
People's National Bank	1865	500,000	168,000
South Dakota-			
Sioux Falls, Security National Bank	1891	200,000	60,000
Tennessee-			
Chattanooga, Hamilton National Bank	1905 1888	1,000,000	549,000
Knozville, City National Bank		500,000	149,000
Memphis, Bank of Commerce and Tr. Company	1873	1,500,000	500,000
Nashville, American National Bank	1883	1,000,000	790,000
,, Fourth and First National Bank	1867	1,100,000	865,000
Texas-			
Austin, American National Bank	1890	300,000	600,000
Dallas, American Exchange National Bank		1,500,000	1,000,000
City National Bank of Dallas	1873 1880	1,000,000	1,000,000
El Paso, First National Bank	1877	800,000	250,000
Fort Worth, First National Bank	1865	1,000,000	400,000
Galveston, First National Bank	1909	300,000	990,000
San Antonio, Central Trust Co.	1010	1,000,000	40,000
Frost National Bank	1800	500,000	450,000
Bank	1866	500,000	226,000
Utah-"		365,000	
Salt Lake City, Deseret National Bank	186g	500,000	500,000
McCormick and Co.	1873	500,000	246,000
" Utah State National Bank	1800	600,000	206,000
Vermont-			
Burlington, Howard National Bank	1870	300,000	200,000
Washington			
Santtle Boyter Horton National Rank	1870	1,200,000	240,000
National Bank of America	1889	1,000,000	1,271,000
National Bank	1889	1,000,000	200,000
Scandinavian American Bank	1892	500,000	500,000
" Northern Bank and Trust Co	1906	200,000	50,000
West Virginia-	-00-		
Wheeling, Dollar Savings and Trust Co	1887	500,000	700,000
Wisconsin— Milsoaukee, First National Bank	1863	3,000,000	1,000,000
Milioaukee, First National Bank	1803	2,000,000	1,000,000
Wisconsin, National Bank	1855	1,000,000	400,000
	2035		400,000
Wyoming— Cheyenne, Stock Growers' National Bank	1881	100,000	100,000
First National Bank	1871	1.000.000	100,000
, , Filou Itaniullas Amait			

TEN YEARS' WORK OF THE NEW YORK CLEARING HOUSE, 1905-1914,

Year.	No. of Banks.	Capital.	Clearings.	Balances paid in money,	Average daily clearings.	Average daily balances paid in money.	Balances to Clearings.
1905 1906 1907 1908 1909 1910 1911 1913	54 55 54 50 51 50 67 63 64	115,792,700 .118,150,000 129,400,000 126,350,000 127,350,000 132,350,000 170,275,000 174,275,000 179,900,000	91,879,318,369 x03,754,100,091 95,315,421,238 73,630,977,913 99,857,668,411 102,553,959,059 94,420,120,092 96,672,300,864 98,121,520,297 80,760,344,072	3,953,875,975 3,832,621 ce4 3,813,925,108 3,409,632,271 4,154,484,028 4,195,293,967 4,388,563,113 5,051,262,892 5,144,130,385 5,128,647,302	302,234,600 342,422,773 313,537,570 241,413,023 326,505,468 338,461,011 305,016,898 319,050,498 323,833,400 295,238,762	13,006,171 12,648,914 12,545,810 11,179,122 13,797,644 13,845,855 14,483,707 16,670,833 16,977,328 16,926,220	4'33'3'69 4'00 4'63 4'22 4'09 4'74 5'22 5'24 5'71

LIFE INSURANCE.

THE Annual Report of the Superintendent of Insurance of the State of New York gives the following statistics concerning Life Insurance Companies in the United States for the year-ended at December, 1972 and 1993?—

- ,	1912.	2913.
Number of Companies Assets \$ Premium's received \$ Total Income. \$ Payments to Policy holders Total Payments \$ New Policies issued: Xumber Pulicies in Force: \$ Pulicies	34 4,173,953,579 597,203,211 795,382,601 246,459,831 567,517,704	34 4,47,298,21 628,650,21 840,297,442 252,758,054 595,998,240 962,677 1,772,707,018
Number\$	7,001,913 13,527,321,222	7,452,154 14, 304, 638,791

PRINCIPAL LIFE INSURANCE COMPANIES.

Name,1	Admitted Assets.	Premium Income.	Total Iwrome.	Total Disbursements.
	S	S	. \$	S
Ætna Life, Ct	101,071,487	11,215,253	16.427,012	13,286,500
Bankers, Iowa	17,140,505	5,123,838		
Berkshire Life, Mass.	20,426,621	*,477,974	3,451,340	2,643,601
Colonial, N.J.	1,806,968	935,240		
Columbian National, Mass	7,511,675	1,649,113		
Connecticut General, Ct	19,990,028	1,783,060	=	
Connecticut Mutual, Ct	69,388,478	6,726,611	10,111,734	9,206,488
Equitable Life, N.Y.	513,319,201	54,831,279	77,565,819	67,341,672
Fidelity Mutual, Pa.	26,664,807	4,836,189	6,203,618	4,703,421
Germania, N.Y	48,305,861	5,921,279	8,165,185	6,519,468
Home Life, N.Y.		2.649,282	3,016,264	2,431,553
Illinois Life, I'll.	27,767,932	4,023,298	5,335,270	3,924,666
John Hancock Mutual, Mass	9,849,696	1,990,141	2,462,040	1,727,036
Life InsuranceCo. of Virginia, Va.	93,591,899	23,646,023	27,737,860	17,423,884
Manhattan Life, N. Y.	8,474,257	3,119,369	3,531,634	2,454,787
Massachusetts Mutual, Mass	69.525.955		3,194,621	2,809,735
Metropolitan, N.Y.	397,965,341	89,101,003	13,713,049 106,625,686	8,597,775
Michigan Mutual, Mich	397,905,341	1,474,061	2.064,168	62,693,197
Mutual Benefit, N.Y.	156,655,714	22,719,674	30,423,671	1,962,548
Mutual Life, N.Y.	509,125,046	56.747.032	86,011,878	71,300,288
National of U.S.A., N.Y.	399,443,040	2,616,537	6,273,130	4,351,760
National Life, Vt.	56,036,151	6,797,512	9,432,342	6,815,102
New England Mutual, Mass	61,418,308	8,582,635	11,380,566	7,866,070
New York Life, N.Y.	719.657,050	85,944,784	118,416.652	74,506,488
Niasara, N.Y.	1,380,718	282,038	220,420,032	74,500,400
Northwestern Mutual, Wis	297,764,038	43,509,142	58,357,932	45,353,06x
Pacific Mutual, Cal	24.252,307	5,016,308	6,320,753	3,592.851
Pennsylvania Mutual, Pa	134,375.486	20,876,360	27,655,607	19,348,630
Phoenix Mutual, Ct		5,420,336	7,210,820	5,221,850
Pitesburgh Life & Trust. Pa	24,084,747	574-755	7,,	3,000,039
Postal, N.Y.	10,603,383	1.080.061	_	
Provident Life & Trust, Pa	80,834,512	9,873,425	13,701,793	10,302,830
Prudential, N.J.	207,806,201	75,686,853	88,504,779	54,084,900
Security Mutual, N.Y		1,643,714	1,930,869	1,630,103
State Life, Ind	12,053,756	2,389,505	3,058,038	1,851,911
State Mutual, Mass	41,537,911	5,689,580	7,573,780	5.385,005
Travelers', Ct	68,197,489	8,592,554	12,250,061	: 7,100,812
Union, Central, Ohio	93,053,614	11,861,649	17,281,524	. 11,502,077
Union Mutual, Me	18,742,232	3,379,171	3,118,031	2,345,964
'United States, N.Y	-	818,816	1,367,656	1,494,638

EXPECTATION OF LIFE.

THE American Experience Mortality Table, upon which the reserves of Life Assurance Companies

Agr.	Number Living.	Number Dying.	Expectation of Life.	Age.	Number Living.	Number Dying.	Expect- ation of Life.	Age.	Number Living.	Number Dying.	Expect- ation of Life.
10	100,000	749	48.72	39	78.862	756	28.00	68	43,133	2,243	9'47
II	99,251	746	48.08	40	78,106	765	28.18	6g	40,8ga	2,321	8.07
12	98,505	743	47.45	41	77:34X		27.45	70	38,560	2,391	8.48
13	97,762	740	46.80	42	76,567	774 785	26'72	71	36,178	2,448	8.00
14	97,022	737	46.16	43	75,782	797	26.00	72	33,730	2,487	7'55
15	96,285	735	45.20	44	74,985	812	25'27	73	31,243	2,505	7.11
16	95,550	732	44.85	45	74,173	828	24'54	74	28,738	2,501	6.68
17	94,818	729	44'19	46	73,345	848	23.81	75	26,237	2,476	6.27
18.	94,089	727	43.23	47	72,497	870	23.08	76	23,761	2,431	5.88
19	93,362	725	42.87	48	71,627	896	. 22.36	77	21,330	2,369	5'49
20	92,637	723	42'20	49	70.73I	927	21.63		18,961	2,291	2.11
31	91,914	722	41 53	50	69,804	968	20,01	79	16,670	2,196	4'74
22	91,192	721	40.85	51	68,842	1,001	10'40	81	14,474	2,092	4°39 4°05
23	90,471	720	40'17	52		1,044	18.79	82	10,410	1,904	3.47
24	89,751	719 718	39'49 38'81	53	65,797	1,091	18.00	83	8,603	1.648	3.39
25	89,032 88,314	718	38,13	54	64,563	1,143	17.40	84	6,955	1,470	3.08
27	87.596	718	37.43	56	63,364	1,250	16.42	85	5,485	1,203	2.77
28	86,878	718	36.43	57	62,104	1,325	16.02	86	4,193	1,114	2.47
30	86,150	719	30.03	58	60,779	1,394	15.39	87	3.079	933	2.18
30	85,44×	720	35.33	59	59.385	1,468	14'74	88	2,146	744	n.dz
31	84,721	721	34.63	60	57:917	1,546	14.10	8q	1,402		1.66
32	84,000	723	33.92	1 6x	56,371	1,628	13'47	90	847	555 385	1'42
33	83,277	726	33.31	62	54-743	1,713	12.86	gr	462	246	1.10
34	82,551	729	32.20	63	53,030	1,800	12.26	92	216	137	0.08
35	81,823	73=	31.78	64	51,230	1,889	11.67	93	79	58	0.80
36	8x,090	737	31.07	65	49,341	1,980	11,10	94	21	18	0.64
37	80,353	742	30.35	66	47,361	2,070	10.24	95	3	3	0.20
38	79,611	749	29.62	67	45,291	2,158	10,00			***	

ESTIMATED LOSSES BY FIRE IN THE U.S. 1875-1913.

Year.	Loss.	Year	Loss.
1875	78,102,284	1895	148,110,822
		1806	
1870		1807	
1877	08,205,800		
1878	64,315,900	1898	
1879	77,703,700	1899	
1880	74,643,400	IQ00	160,929,805
1881	81,280,600	1901	165,817,810
1882		1008	161,078,040
1883		1903	
1884		1904	220.108.050
		1005	76F 227 6F0
1885		1905	Er8 677 800
r886		1906	510,011,000
x887	120,283,055	1907	215,004,709
x888	110,885,665	1908	217,885,850
x88q	123.046.833	1909	188,705,150
1890		1910	214,003,300
1801		1911	217,004.575
1802		1013	206,438 900
		1013	202,763 550
1893		*9*3	317 - 3 33-
2894	140,000,404		

FIRE INSURANCE.

THE Insurance Year Book (published by the Spectator Company, New York City) gives the following statistics concerning Fire Insurance Companies in the United States for the years ended 32 December, 1931 and 1974:—

	1913.	. I914.
Number of Companies Stock Mutual Mutual Cupital Assets (Ekchaire of Premium Notes) Net Surpius Total Cash Income Spaid for Loses Paid for Loses Spaid for Loses Total Dashusementa Stock Total Dashusementa Stock Total Dashusementa Spaid for Loses Spaid for	347 545 105,195,851 105,195,851 105,195,753 105,195,753 105,195,753 106,197,704 106,197,704 106,197,704 106,097,767 107,000,000	338 95 633 105,656,892 888,157,592 899,454,733 440,733,810 288,125,003 33,786,956 144,693,599 400,640,578 200,000,000

STATE FIRE MARSHALS

From the Spectator Company's Insurance Year Book.

The State Insurance Commissioners in Maine, Michigan, Mississippi, North and South Carolina, and Virginia act the State Fire Marshalas by rittee of their office. In the other States Fire Marshals are appointed by the Governor. The duties of Fire Marshals are to investigate the causes of fires and to provide and cause the adoption of means for the prevention of fires. The state of the prevention of the state of the state of the provided of the state of the provided of the state of the provided of the state o

State. Fire Marshal.	State, Fire Marshal.
Alabama Lorrie Rice, Montgomery.	NebraskaW. S. Ridgell, Lincoln.
Arizona	Nevada
Arkansas	New Hampshire
California ;	New Jersey
Colorado	New Mexico
Connecticut T. F. Egan, Hartford.	New York
Delaware	North Carolina J. R. Young, Raleigh.
Dist. of Columbia., P. W. Nicholson, Washington.	North Dakota A. H. Runge, Grand Forks.
Florida	Ohio E. R. Defenbaugh, Columbu
Georgia	OklahomaC. C. Hammonds, Oklahon
Idaho	City.
Illinois Walter H. Bennett, Springfield.	Oregon
Indiana ,	PennsulvaniaJ. L. Baldwin, Harrisburg.
Iotea	Rhode Island
Kansas	South Carolina B. A. Wharton, Cross Hill.
Kentucky	South DakotaS. E. Crans, Pierre.
Louisiana C. H. Trousdale, New Orleans.	Tennessee E. E. Butler, Nashville.
Maine	Texas Walter Inglish, Austin.
Maryland G. E. Myers, Baltimore.	Utah
Massachusetts	Vermont
MichiganJohn T. Winship, Lansing.	VirginiaJoseph Button, Richmond.
Minnesota Robt. U. Hargadine, St. Paul.	Washington
MississippiJ. W. Miller, Jackson.	West Virginia John S. Horan, Charleston.
Missouri	WisconsinClem P. Host, Madison.
Montana W. W. McCormick, Helena.	Wyoming

PRINCIPAL FIRE INSURANCE COMPANIES.

Company.	Capital.	- Admitted Assets.	Net Surplus
A top Occupation			
American Companies— Attna, Ct	5.000,000	#2,80x,770	12,985,668
Aericultural, N.Y.	500,000	4,200,131	1,999,519
Agricultural, N.Y.	X,000,000	9,867,025	4,435,953
American Central, Mo.	2,000,000	5,439,503	3,405,349
Boston, Mass	1,000,000	5,979,038	3,327,717
Buffalo, German, N.Y.	200,000 600,000	2,789,480 2,030,045	2,009,087 1,426,321
Camden Fire, N.J.	500,000	. 2,599,848	2,679,663
Corcordia Fire Wis	600,000	2,404,532	1 2,000,508
Connecticut Fire. Ct.	1,000,000	7,707,634	3,238,529
Continental, N.Y.	2,000,000	28,150,457	\$7,579,417 7,160,668
American Central, No. Boston, Mast. Buffalo, German, N.Y. Canden Fire, N.I. Corrordia Fire, Wis. Corrordia Fire, Wis. Cornective Fire, Ct. Continental, N.Y. Fire Association, Fra. Fireman's Payon, Cod.	2,500,000	15,205,083	
Fire Association, Pa.	750,000	9,054.950	3,303,709
Fireman's Fund, Cal.	I,500,000 ·	9,305,360 6,849,806 ·	3,736,266
	500,000	3,325,147	1,134,253
German American N. V.	2.000,000	-21,614,475	BI,Q52,448
Franklin Fire, Pa. German-American, N.Y. Germania, N.Y. Girard Fire, Pa. Glen Falls, N.Y. Globe and Rutgers, N.Y. Hanover Fire, N.Y.	1,000,000	7,333,079	3.733.079
Girard Fire, Pa	500,000	2,541,236	. 917,093
Glen Falls, N.Y	500,000	5,573,621	3,025,310
Globe and Rutgers, N.Y.	400,000 . I.000,000	7,287,228 4,985,659	3,637,545
Hanover Fire, N.Y.	2,000,000	26,517,854	20,530,828
Hanover Fire, N.Y. Hartford, Ct. Home, N.Y. Insurance Co. of North America, N.Y. Insurance Co. of the State of Pa.	2,000,000	@3,777,068	17,722,368
Incurance Co. of North America, N. V.	4,000,000	11,807,457	8,000,000
Insurance Co. of the State of Pa.	800,000	2.708.714	3,208,057
International, N.Y.	200,000	3,766,282	729,717
Milwaukee Mechanics', Wis	1,000,000	4,379,066	2,810,323
Insurance Co. of the state of Pa. Thernational, N.Y. Milwankee Mechanics, Wis. National—Benjamin Franklin, Pa. National Fire, Ct.	2,000,000	3,337,646 15,676,469	5,523,917 6,504,267
National Fire, Ct.	1,000,000	4,207,451	7,452,928
National Fire, Ct. National Union, Pa. National Union, Pa. New Hampshire Fire, N.H. Ningara Fire, N.Y. North River, N.Y. Northwestern National, Wis. Orient, Ct Pannsylvania Fire, Pa.	1,350,000		3,226,728
Niagara Fire, N.Y.	1,000,000	6,273,754 6,981,689	3,664,692
North River, N.Y.	350,000	2,476,952	901,751
Northwestern National, Wis	1,000,000	-6,551,348 3,453,137	2,625,186
Orient, Ct	500,000 ·	7,726,728	3,053,814
The state of the s	2 000 000	11,805,799	6,254,841
Providence—Washington, R.I	1,000,000	4,755,667	1,995,004
Oneen, N.Y.	1,000,000	9:994:450	- 4,981,146
St. Paul Fire, Minn.	500,000	8,777,515	3,222,621
Security, Ct	1,000,000 2.000,000	4,070,121	1,891,764 5,266,054
Springfield Fire, Mass.	300,000	£ 280,600	1,723,243
Westchester Fire, 1v. I.	600,000	5,380,699 - 3,684,956	2,266,304
Se. Faul Fire, Muss. Security, Ct. Springfield Fire, Mass. Westchester Fire, N.Y. Williamsburg, N.Y. Foreign Companies—			
Anchen and Munich, Prussia	52882 628	2,540,243	1,238,813
Achen and Munici, Frissa. Atlas, England Commercial Union, England Jakor, Russia Liverpool, London and Globe, England	95 35 a	2,826,707	1,049,352
Commercial Union, England	of a second	7,059,088 2,440,136	2,527,783
Jakor, Russia	250050	13,736,765	4,013,519
London and Lancashire, England	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4,578,953	1,643,107
London Assurance, England	SARF.	3,036,498	821,296
Munich, Bavaria	# # # # # · ·	6,371,344	1,693,40x
Munich, Bavaria	Foreign Companies doing business in the State of New York are required by law of deposit the sam of Sano-so-with the Insusance Department. This sum is not included in the total of "Net Surplus."	8,998,913	3,742,696 2,083,48x
	nd cer	2,775,468	941,130
Norwich Union, England Palatine, England	SZEES.	3,250,577	1,250,571
Phonix Fraland	S trans	3,585,214	1,194,395
Phenix, England Rossia, Russia Royal, England	258852	4,936,750	783,654
Royal, England	250000	11,900,381	3,575,640 680,243
Sottish Windland National, Scotland	Set Set	2,546,562 5,592,657	3,264,438
Scottish Union and National, Scotland	्रमुद्धम् वर्	4.622.487	1,242,500
Sun Fire, England		2,464,731	1,018,488
Western, Canada	WA - 24	1	1 .

AGRICULTURE OF THE U.S. IN 1900 and 1910.

FARM VALUES, PRODUCTION AND ACREAGE,

			Increase, 1900	-1910.
Details.	2910.	1900,	Actual.	Per cent.
Total acreage of farms	873,720,000	838,502,000	25,137,000	4'2
Acreage of improved land	477,448,000	414,499,000	62,949,000	15'3
Average acreage per farm	138.	146	-8	-5'4
Value of land and buildings		\$16,614,648,000	\$18,066,859,000	108.4
Value of land	\$28,386,770,000	\$13,058,008,000	\$15,328,762,000	217'4
Value of buildings	\$6,294,737,000	\$3,556,640,000	\$2,738,097,000	77'0
Value of implements and machinery		\$749,776,000	\$512,246,000	68.3
Average per acre-land	\$32.49	\$15.57	\$16'92	1087
Expenditure on labor	\$645,612,000	\$357,392,000	\$288,220,000	80'6
, fertilizers	\$114,277,000	\$53,432,000	\$60,845,000	113.0
Number of farmers	6,340,357	5,737,372	602,985	10.2
White	5,422,892	4,969,608	453,284	9'I
Negro and other non-white		767,764	149,701	19'5
Farmed by owners	3,933,705	3,653,323	280,382	7'7
tenants	2,349,254	2,024,964	324,290	10.0
managers	57,398	59,085	-1,68 ₇	
x,000 acres and over	49,604	47,160	2,444	5'2
500 acres to 999 acres	124,883	102,526	22,357	
175 33 499 35	976,597	1,422,262	108,577	
100 11 174 11	1,513,235	1,428,308	90,973	
50 11 99 11	1,435,743	1,300,038	69,705	12.3
20 1; 49,11	1,410,992	673,870	153,496	
19 acres and under	029,303	0/3,070	155,433	23.1

LIVE STOCK ON FARMS IN U.S.

Lire Stock.		Value 7000.	Increase.		
	. Value 1910.	value 1900.	Amount.	Per cent.	
Cattle Horses and Colts Mules and Oots Asses and Burros Swine Strip And Lans Sheep and Lans Poultry. Bees	522,402,080 13,092,867 398,002,878 230,532,817 5,964,812	\$ 1,475,204,633 896,513,217 196,222,053 5,811,184 231,978,031 170,203,119 3,265,349 85,756,593 10,178,087	\$ 9,685,014 1,179,784,611 326,180,027 7,281,663 166,024,847 60,329,698 2,699,463 67,637,549 193,624	131 · 6 166 · 2 125 · 3 71 · 6 35 · 4 82 · 7 78 · 9 1 · 9	
	\$4,894,948,78z	\$3,075,132,266	\$1,819,816,516	59'2	

Table II .- NUMBERS AND VALUE, 1914 AND 1915.

Live Stock.	Numbers in 1914.	Value in 1914.	Numbers in 1925.	Value in 1915.
Horses Mules Milch Cows Other Gattle Sheep	4,449,866 20,737,000 35,855,000	2,291,638,000 551,017,000 1,118,487,000 1,116,333,000 300,803,000	21,195,000 4,479,000 21,262,000 37,067,000 49,956,000	2,190,102,000 503,271,000 1,176,338,000 1,237,376,000 224,627,000

Table III .- PRODUCTION OF BUTTER, CHEESE AND CONDENSED MILK, 1904 AND 1909.

Particulars.	- zgog,	rjot.
Number of Establishments No. Capital represented \$ Cost of Materials used \$	71,284,000 225,546,000	8,926 47,255,000
Salaries and Wages SOther Expenses SValue of Products S	14,572,000 8,480,000 274,558,000	9,789,000 4,074,000 158,183,000
Butter produced 16. Cheese produced 1b. Condensed Milk produced 1b.	*924,764,653 *311,126,317 *494,796,544	531,478,141 317,144,872 308,485,182

In addition in 1909 2,321,212 lbs. of butter, 49,413 lbs. of part-cream cheese, 401,200 lbs. of condensed milk, and
in 1904, 1,971,120 lbs. of butter were produced in establishments engaged primarily in the manufacture of other
products.

CROP STATISTICS OF THE U.S.

Table I .-- TOTALS FOR 1913 AND 1914.

Crop.	Acreage, 1913.	Production, 1913.	Acresge, 1914.	Production, 1914.
Corn Spring Wheat Winter Wheat Oats Barley Rye. Buckwheat Potatoes Flasseed Hay	18,485,000 31,699,000 38,399,000 7,499,000 2,557,000 805,000 3,668,000 2,291,000	(Bushela.) 2,446,988,000 339,819,000 523,561,000 1,781,968,000 41,381,000 41,383,000 17,853,000 17,853,000 (10.18) 64,116,000	103,435,000 17,533,000 36,008,000 38,442,000 7,555,000 2,541,000 792,000 3,708,000 1,855,000	(Bushels.) 2,572,804,000 205,027,000 684,990,000 1,141,060,000 194,933,000 42,779,000 405,981,000 405,981,000 (LOIIS) 70,071,000

Table II .-- ANNUAL AVERAGE PRICES OF CERTAIN COMMODITIES.

-	Winter Wheat, per bushel.	Corn, per bushel.	Oats, per bushel.	Lard, per lb.	Boof, per barrel.	Pork, per barrel.	Tallow, per lb.	Coffee, Java, per lb.	Sugar, Raw, per lb.
	\$	cents.	cents.	cents.	S	S		cents.	
T892	-908	54-0	36.3	7.69	6.86	11.52	4.62	26.37	3-32
1893	-739	49-9	35-9	10.34	8.17	18.35	5-44	24-23	3.60
1894	.6zz	50.0	37.2	7-75	8.16	14-13	4.81	23.25	3.24
1895	.669	47-7	28.9	6.50	8.00	11.91	4-33	26.60	3-23
1896	.78x	34-0	23.3	4.67	7.51	8.95	3-44	23.44	3.62
1897	-954	31.9	23.2	4.42	7-71	8.85	3.31	24.00	3.56
1898	.952	37.6	29-7	5-53	q.16	9.82	3-56	24.00	3.24
1809	-794	41.3	30.7	5-57	9.26	9-35	4.54	24.00	4-42
1900	.804	45-3	27.3	7-05	9.73	12.48	4.84	22.00	4-57
1901	.803	56.7	36.6	8.87	9.32	15.62	5-25	17.00	4.05
1902	.836	68.4	44-9	10.59	11.75	27-94	6.31	16.00	3-54
1903	.853	57-2	41-X	8.81	9.03	16.50	5.06	15.75	3.72
1904		59-4	42.0	7.32	8.8z	14.01	4.60	15.00	3.97
1905	880.1	59-3	35.0	7-44	10.02	14-43	4.50	15.00	4.28
1906	.865	56.0	38.0	-8.88	8.85	17-55	5-31 -	14.50	3.69
1907		64.0	49.6	9.20	9.83	17.61	6.25	16.50	3.76
1908	1.049	78.6	54-5	9.08	13.20	15-93	5-50	18.50	4.07
1909		76.7	51.4	zz.68	11.09	21.34	6.00	18.00	4.00
1910	1.118	66.8		12.52	14.64	23.72	7-25	18.00	4.19
1911	.963	71.1	45-7	9.11	12-92	19.12	6.50	18.75	4-45
1912			56.4	10.51	15.80	19.33	6.13	18.75	4.16
1913		71.1	46.7	11.03	18.78	22.45	6.25	20.75	3 50
1914	1.004	79-3	49.0	10.41	19.70	22.76	6.75	21.75	3.81

Table III .- COUNTRIES THAT EXPORT WHEAT AND WHEAT FLOUR.

	Wheat Expo	rts (bushels).	Wheat Flour Exports (barrels).		
Country.	3923,	zgzj.	zgza, /	. x9x3.	
United States Canada Argentina. Australia. Australia. Bulgaria Chile German Empire Judian Empire Ludian Empire	61,655,000 84,958,000 96,600,000 32,604,000 55,000 16,576,000 9,238,000 2,411,000 11,583,000 51,444,000 53,586,000 96,915,000	99,509,000 189,950,000 103,328,000 43,923,000 71,000 11,991,000 9,328,000 19,981,000 19,781,000 63,598,000 63,598,000	10,622,000 4,303,000 1,480,000 1,739,000 167,000 732,000 74,000 1,924,000 714,000 157,000 739,000 1,173,000 80,000	12,278,000 4,894,000 1,402,000 2,285,000 646,000 646,000 63,000 63,000 201,000 1,447,000 1,505,000	
SerbiaOther Countries	3,366,000	3,365,000	3,303,000	3,248,000	
Total	599,699,000	713,982,000	27,691,000	32,025,000	

Country.	71,167,000	1913.	. Igis,	идиз.
razil	71.167.000			
		69,628,000	21,000	36,000
	14,010,000	16,109,000	2,133,000	1,914,00
enmark	5,885 000	5,176,000	580,000	670,00
rance	26,131,000	57,149,000	126,000	113,00
erman Empire	84,415,000	93,547,000	179,000	201,00
reece	5,901,000	6,882,000	16,000	15,00
aly	65,760,000	66,527,000	34,000	23,00
span	2,276,000	*2,276,000	191,000	*191,00
etherlands	65,788,000	79,369,000	2,051,000	2,259,00
ortugal	2,382,000	*2,382,000		*1.00
pain	1,543,000	6,405,000	1,000	*74.00
weden	6,285,000	*6,285,000	74,000 404,000	420,00
witzerland	17,843,000	19,440,000	5,742,000	6,704,00
nited Kingdomther Countries	203,322,000	31,002,000	13,085,000	13,140,00

Continent,	Corn.	Wheat,	Oats.	Barley.	. Rye.	tPotatoes.
North America	2,672,804,000 13,924,000 204,562,000 *644,928,000 *13,783,000 97,574,000	891,017,000 161,280,000 131,777,000 1,783,173,000 567,370,000 71,327,000	20,350,000	194,953,000 36,201,000 13,944,000 965,438,000 124,378,000 40,359,000	42,779,000 2,017,000 3,487,000 1,641,100,000 39,982,000	331,925,000 78,544,000 49,171,000 5,246,032,000 57,621,000 5,190,000

Total..... *3,613,213,000 3,726,103,000 4,196,508,000 1,385,808,000 1,729,625,000 5,792,736

COTTON PRODUCTION OF U.S.

Table I.-PRODUCTION BY STATES, 1911-1914.

(Lint Cotton, excluding Linters, in 500 lb. gross weight Bales.)

State or Territory.	rgiz,	2922.	1913.	1914.
Alabania Arkanas Arkanas Georgia Louisiana Missiasipi North Carolina Okiahoma South Carolina Pennessee Virginia All other	939,302 \$3,388 2,568,627 384,597 1,023,545 96,808 1,042,092 1,048,712 449,737 4,256,427 29,891	1,342,275 792,048 53,760 53,760 376,096 2,046,418 67,205 865,635 1,021,250 1,182,128 276,546 4,880,210 24,398 £1,402	1,495,485 1,072,846 58,695 2,216,601 443,096 1,310,743 99,618 793-545 340,387 1,377,814 379-471 3,944.970 23-8513	1,750,181 1,015,674 - 80,963 1,712,470 447,861 1,444,793 1,454,67 925,23 1,524,595 382,431 4,584,933 25,182
U.S	15,692,701	13,703,421	14,156,486	16,102,143
Value of Crop	\$732,420,000	\$792,240,000	\$887,760,000	\$519,616,000

Table II .- PRODUCTION, CONSUMPTION, EXPORTS AND NET IMPORTS, U.S.

Year. Running bales (Number).	Equivalent to see lb. bales (Number).	Average Net weight of bale (lb.).	Value of Lint upland per lb. Cotton (Cents).	Consumption 500 lb, failes (Number).	Domestic Exports 500 lb, bales (Number).	Net Imports soo lb. bales (Number).
1880 6.605,750 1890 6.652,597 1900 10,103,103 1904 13,451,337 1905 12,963,301 1907 12,963,301 1909 10,078,731 1910 11,568,334 1911 15,553,073 1913 13,488,530 1913 13,982,811	6,356,998 8,562,089 10,123,027 13,438,012 10,575,017 13,273,809 11,107,179 13,241,799 10,004,949 11,608,616 15,692,701 13,703,421 14,156,486	460 473 480 478 482 489 480 484 475 483 483 485 484	11.3 8.6 9.3 8.7 10.9 10.0 11.5 9.2 14.3 14.7 9.7 12.0	1,865,922 2,604,491 3,603,516 4,523,208 4,877,465 4,974,199 4,493,063 4,559,002 4,559,002 4,516,779 5,181,866 5,630,835	4.453.495 5,850,219 6,806,572 9.957.397 6,975.494 8,825,236 7,779,508 8,889,724 6,491,843 8,025,991 10,681,332 9,199,903 9,256,028	5,447 45,580 116,610 139,182 133,464 202,733 140,869 165,451 151,395 231,191 229,268 225,460

Table III .- COTTON PRODUCTION OF THE WORLD, 1909-1912

Country.	rgog. (Bales of 500 lb. net.)	(Bales of 500 lb. net.)	(Bales of 500 lb. not.)	(Bales of 500 lb. net.)	1913. (Bales of 900 lb. net.)		
United States Brazil Chima Egypt Indian Enpire Mexico Persia Persi Russia Turkey All other Countries	135,000	11,104,000 280,000 775,000 1,506,000 2,723,000 147,000 117,000 95,000 981,000 105,000	15,013,000 275,000 685,000 1,463,000 130,000 130,000 100,000 939,000 124,000 210,000	13,113,000 315,000 1,074,000 1,492,000 3,328,000 140,000 137,000 115,000 987,000 115,000	13,545,000 420,000 1,400,000 3,601,000 150,000 150,000 1004,000 130,000 285,000		
	16.241.000	18,027,000	21,260,000	20.076.000	22,255,000		

Table IV.-COUNTRIES THAT EXPORT COTTON. (Bales of 500 lb. gross = 478 lb. net.)

Country.	Z909. (Baies of 900 lb. gross.)	(Bales of 500 lb. gross.)	(Bales of goolb. gross.)	Bales of 500 lb, gross.)	(Bales of 500 lb. gross.	
United States	7,790,900	7,289,806 51,471	8,920,000	11,663,000	9,376,000	
China Egypt France	176,761 1,426,102 270,387	347,923 1,242,657 411,101	1,373,000 305,000	225,000 1,721,000 325,000	205,000 1,445,000 281,000	
German Empire Indian Empire Netherlands	255,294 1,795,846 134,994	231,039 2,380,852 140,922	186,000 1,742,000 137,000	247,000 1,689,000 163,000	243,000 2,223,000 150,000	
Persis Peru Other Countries	128,031 98,262 128,000	65,000 138,000	86,000 73,000 306,000	89,000 438,000	129,000 110,000 500,000	
Total	12,250,551	12,298,771	13,541,000	16,766,000	14,836,000	

Table V.—COUNTRIES THAT IMPORT COTTON. (Bales of 500 lb. gross = 478 lb. net.)

Country.	[Bales of goo lb. gross.]	(Bales of goo lb. gross.)	(Bales of goo lb, gross.)	(Bales of 500 lb. gross.)	(Bales of goo lb. gross.)
United States Canada Austria-Hungary Belgium France German Empire Haly Mexico Netherlands Russia Spain Sweden United Kingdom Other Countries	58,181 866,981 308,583 1,469,837 2,235,384 880,187 1,071,801 59,071 238,003 847,799 325,486 79,746 109,550 4,017,004	178,409 139,113 783,531 299,104 1,120,000 1,957,955 804,942 1350,245 1350 1350 1350 1350 1350 1350 1350 135	212,000 157,000 907,000 583,000 1,469,000 2,180,000 876,000 1,225,000 6,000 270,000 935,000 417,000 93,000 113,000 4,006,000 308,000	270,000 165,000 1,021,000 652,000 1,597,000 2,502,000 1,655,000 1,655,000 1,655,000 1,655,000 1,0	220,000 166,000 953,000 647,000 2,518,000 2,604,000 1,555,000 18,000 317,000 753,000 100,000 100,000 110,000 313,000
Total	13,058,593	12,199,603	13,658,000	16,220,000	14,538,000

Table VI .-- AMERICAN PRICES OF COTTON, 1899-191

		Twoie 47	1,-24,54.2	TOTOTAL 2	. 20200	01 0011	Tour Log	, -9-3,		
Date	New	New York. New O		rleans. Memphis.		ophis.	Galveston.		Savannab.	
	High.	Low,	High.	Low.	High.	Low.	High.	Low.	High.	
x899	61/6	718	5,5	7½ 11½	5%	7½.	518	7½	51°8	715
1900	7%	12	7%	911	778	95/8	774	911	77/8	95/8
1902	8.85	9%	778 8 ₁₂	9% 13%	81/2	133/2	774 858 656	13%	83/8	1333
1905	7.00	17.25	65%	1616 1213	61/4	161/2	634	16	65%	16%
1906	g.60 10.60	13.55	101/4	131/2	978	131/2	10%	1316	9%	1316
1908	9.00	18.35	81/2	15%	81/4	15%	834	15%	81/4	115%
1010	13.60	19.75	13%	15%	131/2	15%	1378	15% 15%	1318 858	15%
1912	9-35	13.40	918	131/4	91/2	1314	93%	1318	8%	14 8

WOOL PRODUCTION OF U.S., 1914.

Estimate of the U.S. Department of Agriculture.

State.	Number of Fleeces.	Average Weight of Fleece.	*Wool Product, Raw.	Per Cent. of Shrinkage.	Scoured.
		Pounds.	Pounds.	Per cent.	Pounds.
Alabama	108,000	3.8	411,000	39 63	250,710
Arizona	850,000	6.5	5,521,000	63	2,042,770
Arkansas	90,000	4.5	406,000	40	243,600
California	1,852,000	6.2	11,480,000	65	4,100,800
Colorado	1,317,000	5-4	7,111,000	бı	3,773,29X
Connecticut	. 15,000	5.5	82,000	42	47,560
Delaware	5,000	5.4	- 26,000	42	15,800
florida	105,000	3.x	325,000	38	201,500
Jeorgia	207,000	3.8	580,000	40	348,000
Idaho	1,896,000	7.8	14,792,000	62	5,620,960
Illinots	550,000	7.0	3,853,000	47	2,042,090
Indiana	775,000	6.4	4,961,000	- 45	2,728,550
lowa	709,000	1-7.5	5,319,000	49	2,712,690
Kansas	200,000	7.00	1,403,000	64	505,080
Centucky	775,000	4-7	3,643,000	37	2,295,090
Louisiana	140,000	4.0	560,000	39	341,600
Maine	149,000	6.z	905,000	42	525,480
Maryland	126,000	6.0	755,000	48	437,900
Massachusetts	21,000	6.2	131,000	43	74,670
Michigan	1,191,000	6.8	8,098,000	50	4,049,000
Minnesota	432,000	7-4	3,124,000	49	3,593,240
Mississippi	148,000	3.6	533,000	39	325,130
Missouri	1,071,000	6.7	7,179,000	45	3,948,450
Montana	3,860,000	7.8	30,177,000	63	12,165,490
Nebraska	235,000	7.6	1,789,000	62	679,820
Nevada	744,000	7-4	5,502,000	67	2,815,660
New Hampshire	38,000	6.2	201,000	- 43	114.57
New Jersey	18,000	5-5	97,000	43	56,260
New Mexico	3,233,000	5-9	19,077,000	66	6,486,180
New York	550,000	6.3	3,464,000	50	1 2,732,000
North Carolina	141,000	3.9	. 550,000	40	330,000
North Dakota	224,000	7.5	1,677,000	бх	654,030
	2,008,000	6.6	13,844,000	52	6,645.120
Oklahoma	70,000 .	5-9	411,000	65	143,850
Oregon	1,970,000	8.0	15,763,000	67	5,201,790
Pennsylvania	671,000	5.9	3,959,000	52	2,900,320
Rhode Island	6,000	5.0	30,000	42	17,400
South Carolina	28,000	2 3.9	109,000	40	65,400
South Dakota	479,000	7-4	3,547,000	бх	x,383,330
Tennessee	465,000	4-2	1,953,000	40	1,171,80
Texas	1,400,000	5.8	8,643,000	64	3,111,48
Utah	1,770,000	7-4	13,100,000	6z	4,978,000
Vermout	88,000	6.5	571,000	48	296,920
Virginia	430,000	4.6	1,978,000	36 68	1,265,920
Washington		8.0	3,638,000		1,164,16
West Virginia		5.I	3,406,000	50	2,703,000
Wisconsin		7.1	4,031,000	46	8,176,74
Wyoming	3,560,000	8.0	28,476,000	67	9,397,08
Total U.S	36,584,000	6.8	290,192,000	54.6	131,840,680

	Total U.S	36,584,000	6.8	290,192,000	54.6	131,840,680
-			Includes Pull CTION OF	ed Wool. THE WORLD, 19	12.	
	Country.	I.	b.	Country.		Lb.
Ar Au Ch Fr In	gentina	414,50 833,70 50,00 78,00 50,00 320,00	00,000	Spain		52,000,000 91,000,000 118,000,000 142,000,000 330,000,000 360,000,000

TOBACCO PRODUCTION, 1913 AND 1914. Table I.—PRODUCTION OF U.S. BY DIVISIONS AND STATES.

	Acrenge under Crop.		Producti	Production in 1b.		Farm Value, r Dresmber.	
	1913.	1914.	1913.	1914."	1913.	1914.	
DIVISIONS.					\$	\$	
North Atlantic States .	67,900	64,700	89,361,000	201,626,000	12,069,000	13,519,000	
South Atlantic States .	530,600	520,000	280,288,000	355,156,000	61,730,000	37,734.000	
North Central States	146,700	1146,500	127,065,000	144,546,000	14,888,000	13,944,000	
South Central States	461,900	483,300	347,120,000	433,351,000	33,794,000	36,214,000	
Total U.S	1,316,100	1,223,500	953,734,000	1,034,679,000	122,481,000	101,411,000	
STATES.							
Alabama	300	200	210.000	140,000	52,000	30,000	
Arkansas	800	700	520,000	427,000	85,000	77,000	
Connecticut.	18,400	20,300	28,520,000	35,754,000	5,080,000	6,614,000	
Florida	4,000	4,300	4,000,000	4,300,000	1,240,000	1,200,000	
Georgia	1,800	1,000	1.800,000	1,000,000	558 000	475,000	
Illinois	800	600	560,000	468,000	64,000	56,000	
Indiana	15,000	13,500	11,025,000	12,150,000	1,312,000	1,094,000	
Kentucky	370.000	400,000	281,200,000	364,000,000	28,120,000	30,576,000	
Louisiana	600	700	270,000	280,000	68,000	98,000	
Maryland	25,000	22,000	18,500,000	17,600,000	1,720,000	1,408,000	
Massachusetts	6,100	6,600	9.455,000	11,550,000	1,086,000	2,044,000	
Missouri	5,100	4,100	3,315,000	4,020,000	421,000	640,000	
New Hampshire	100	100	165,000	170,000	30,000	31,000	
New York	4,300	4,600	4,386,000	5,080,000	535,000	718,000	
North Carolina	250,000	265,000	167,500,000	172,250,000	30,988,000	19,809,000	
Ohio	81,000	86,800	61,425,000	78,140,000	7,002,000	6,875,000	
Pennsylvania	38,000	33,100	46,680,000	47,995,000	3,501,000	4,080,000	
South Carolina	43,800	50,000	33,288,000	36,500,000	4,594,000	3,540,000	
Tennessee	90,000	77,400	64,800,000	63,468,000	5,443,000	4,760,000	
Texas	200	200	120,000	116,000	26,000	24,000	
Vermont	100	100	165,000	170,000	30,000	32,000	
Virginia	200,000	175,000	154,000,000	113,750,000	21,406,000	10,238,000	
West Virginia	15,000	10,800	10,200,000	8,856,000	1,224,000	974,000	
Wisconsin	43,000	45,600	50,740,000	53,808,000	6,089,000	5,919,000	
Wisconsin	43,000	45,600	50,740,000		6,089,000	5,919	

Country.	(z Jani-3z Dec.),	(z Jan3z Dec.).	(z Jan3z Dec.).	(z Jan3z Dec.).
	10.	1b.	1b.	10.
United States	42,343,323	52,001,000	57,473,000	66,899,000
Canada	16,674,292	17,815,000	20,355,000	21,958,000
Argenting	12,431,627	14,047,000	18,787,000	17,917,000
Australia	12,486,844	14,001,000	15,036,000	15,805,000
Austria-Hungary	53,311,196	50,420,000	49,183,000	48,174.000
Belgium	20,004,432	20,695,000	25,989,000	21,597,000
Chiua	13,662,000	13,026,000	19,057,000	21,545,000
Denmark	9,272,768	10,674,000	10,211,000	10,407,000
Ecept	18,103,095	10,008,000	19,549,000	19,613,000
Finland	9,384,259	9,377,000	10,204,000	9,450,000
France	61,265,614	61,167,000	70,860,000	81,779,000
German Empire	146,926,890	162,020,000	178,443,000	182.775,000
Indian Empire	6,583,970	5,206,000	6.346.000	7,048,000
Italy	41,454,000	43,460,000	47,917,000	56,160,000
Netherlands	55.045,754	57,266,000	55,523,000	65,913,000
Norway	4,141,628	3,731,000	4,355,000	4,036,000
Portugal	5,701,360	6,730,000	6,382,000	*6,382,000
Spain	44,337,800	48,931,000	60,583,000	60,279.000
Sweden	9,438,252	10,054,000	0,013,000	*0,013,000
Switzerland	17,150,000	18,154,000	10,240,000	18,470,000
United Kingdem	88,141,010	110,347,000	137,070,000	158,668,000
Other Countries	58,666,000	72,290,000	76,392,000	70,327,000
* Total	748,616,124	821.328.000	020,055,000	975,104,000

Table III .- COUNTRIES THAT EXPORT UNMANUFACTURED TOBACCO.

Country.	1910	/ Figra	for Tuesta	1913
country.	(z Jan3z Dec.).	(z Jan3z Dec.).	(z Jan3z Dec.).	(z Jan3z Dec.)
more and a second			manage of the same	In.
YY-14-3 (14-4	lb.	1b.	lb.	
United States	328,562,036	370,284,000	410,852,000	444,372,000
Philippine Islands	21,926,744	27,656,000	30,945,000	28,585,000
Algeria	13,512,000	13,426,000	14,445,000	*14,445,000
Austria-Hungary	24,903,382	24,073,000	26,281,000	19,247,000
Brazil	75,284,000	40,761,000	54,466,000	64,788,000
Bulgaria	5,233,789	4.812.000	3,578,000	3,578,000
Ceylon	1,543,920	4,088,000	4.482,000	*4,482,000
Cuba	34,822,328	32,234,000	42,083,000	30,660,000
Greece	12,659,828	18,620,000	24,238,000	23,876,000
Indian Empire	24,515,681	34,550,000	38,256,000	35,843,000
Mexico	1,231,928	2,101,000	1,271,000	*1,271,000
			3,686,000	3,454,000
Netherlands	3,843,420	3,713,000		3,454,000
Netherlands' India	138,571,000	170,226,000	189,551,000	*189,551,000
Russia	20,892,000	22,950,000	23,546,000	28,024,000
San Domingo	22,262,108	30,441,000	12,687,000	23,584,000
Turkey	54,582,000	*54,582,000	*54,582,000	*54,582,000
Other Countries	39,941,000	86,194,000	79,448,000	73,072,000
Total	0			T 000 400 000
10081	824,347,064	940,730,000	1,009,424,000	1,039,423,000

* Data for preceding year.

Table IV .- RETROSPECT OF TOBACCO PRODUCTION, U.S., 1901-1914-

Year.	Acreage.	Production.	Lb. per Acre.	Farm Value, Dec, z,	Unmanufactured Tobacco Exported July 1-June 30.	Unmanufactured Tobacco Imported July z-June 30.
1901 1902 1903 1904 1905 1906 1907 1908	1,039,000 1,031,000 1,038,000 806,000 776,000 795,000 821,000	1b. 818,953,000 821,824,000 815,972,000 660,461,000 682,429,000 682,429,000 718,061,000	788 797'3 786'3 819 815'6 857'2 850'5 820'2	\$<8,283,000 57,564,000 55,515,000 53,383,000 53,519,000 68,283,000 71,411,000 74,130,000	1b, 301,007,365 368,184,084 311,971,831 334,302,091 312,227,202 340,742,864 330,812,658 287,900,046	1b. 29,428,837 34,016,956 31,162,636 33,288,378 41,125,970 40,898,807 35,005,131 43,123,106
1900	1,180,000	949,357,000	804'3	95,719,000	357,196,074	46,838,330
1910	1,366,000	1,103,415,000	807.7	102,142,000	355,327,072	45,927,230
IQII	1,013,000	905,109,000	893.7	85,210,000	379,845,320	54,740,380
1912	1,226,000	962,855,000	785'5	104,063,000	418,796,906	67,454,745
1013	1,216,000	953,734,000	784'3	122,481,000	449,749,982	61,174,761
1014	1,224,000	1,034,679,000	845'7	101,411,000		the same of the

Table V .- TOBACCO PRODUCTION OF THE WORLD, 1910-1918

Country.	zgzo.	· 1911, ·	. 2922, - :	1913
	1b,	1b.	1b.	16.
United States	1,103,415,000	905,109,000	962,855,000	953,734,000
Porto Rico	10,000,000	10,000,000	16,500,000	17,000,000
anada	17,605,000	18,000,000	13,000,000	12,500,000
Cuba	48,081,000	66,930,000	42,030,000	72,585,000
Juatemala	1,300,000	250,000	250,000	258,67
Mexico	*34,711,000	*34,711,000	\$24.7II.000	34,711,00
San Domingo	42,000,000	28,000,000	18,000,000	28,000,00
North America	1,257,412,000	1,063,494,561	1.087,798,000	1,119,321,67
South America	110,377,000	74,432,443	96,218,651	110,044,85
Europe	600,501,000	603,660,474	642,800,645	578,939,61
Asia	816,594,000	780,661,390	826,366,023	871,223,06
Africa	38,436,000	41,959,301	40,515,498	40,727,68
Australasia	≠ 1,509,000	1,984,375	2,603,558	1,933,13
Total (World)	2,833,729,000	3.466.301.544	s,696,401,379	2,723,190,03

. Data for preceding year

Country.

United States

Algeria

Table II .- WORLD'S PRODUCTION OF WINE, 1911.

Brought forward ..

Luxemburg

Australia	4,020,000	Persia		. 130,000
Austria	63,800,000			4,000,000
Bolivia	1,760,000	Portugal	62,700,000	
Brazil	7,700,000	Rumania	40,000,000	
Bulgaria	28,600,000	Russia	94,600,006	
Cape Province	2,860,000	Serbia	10,000,000	
Chile	61,600,000	Spain		370,000,000
France	1,000,000,000	Switzerlaud		21,000,000
German Empire	57,200,000			3,000,000
Greece	48,400,000	Turkey		27,500,000
Huugary	84,200,000	Uruguay		5,000,000
Italy	930,000,000			
			Total	3,235,880,000
Carried forward	2,595,440,000			
Table III	-WORLD'S PRO	DUCTION OF B	EER, 1911.	
Country.	Gallons.	- Cour	stry.	Gallons.
United States	1,633,764,000	Puzzia		222,200,000
Austria-Hungary				64,900,000
Belgium	363,000,000	Switzonland		65,000,000
Denmark	61,600,000	United Vineda		
France	394,724,000		8	1,293,886,000
German Empire	394,724,000			1,099,542,000
German Empire	1,431,936,000	Total	al	
		101	7,193,093,000	
Table IV.—COFF	EE PRODUCTION	ON OF THE WO	RLD, 1908-1911,	
Division.	1 200E	. 1300	. zāzo _	1911
	lb.		lb.	
North America	332,604,000	376,683,000	396,769,000	391,710,000
Mexico	42,000,000	81,000,000	70,000,000	70,000,000
Central America	182,425,000	195,092,000	193,111,000	212,576,000
West Indies	77,726,000	52,679,000	96,261,000	66,502,000
Porto Rico	28,490,000	45,210,000	33,397,000	42,632,000
South America	1.871.377.000	2,439,200,000	1,489,497,000	1,682,767,000
Asia	21,400,000	28,083,000	86,872,000	92,062,000
Asia Africa Oceania	21,400,000	21,509,000	21,000,000	22,893,000
Oceania	926,000	1,119,000	1,168,000	1,512,000
Hawaii	1,063,000	2,702,000	3,460,000	2,486.000
Total	2,323,159,000	3,016,504.000	1,995,396,000	2,180,044,000
10tai	2,323,159,000	2,910,394,000	2,995,390,000	2,109,944,000
Table V.—	WORLD'S PROI	UCTION OF CO	COA, 1911.	
Country.	Pounds.	Cou	ntry.	Pounds.
- Comment of the contract of the	200 575 200			
Roleian Congo	2,361,600	Haiti		5,004,000
Brazil		Netherlands' Guiana		5,106,000
British Gold Coast		Netherlands' India		7,084,800
Southern Nigeria	8,973,600	Portuguese Santa Luzia		1,653,600
	2,600,800	Sao Thomé		79,113,600
	6,612,000	San Domingo		47,232,000
Onemada		Snanish Ferna	ndo Po	7 200 000
Trinidad	56,151,200	Venezuela		43,508,800
Ceylon	10,154,500		es	5,080,000
Cuba	3,442,400	- Country		5,000,900
French Possessions	3,440,400	Tot	al	548,666,400
German Possessions	3,877,600	100	OI	340,000,400
German rossessions	21,000,000	ų .		
<u> </u>				

able VI .- COUNTRIES THAT EXPORT TEA.

Table V	I.—COUNTRIES	THAT EXPOR	RT TEA.	
9 g Country.	rgro	1911	1912	1913
	Hb.	lb.	Ib.	Hb.
Ceylon	182,070,094	186,594,000	192,020,000	*192,020,000
China	207,324,667	194,552,000	106,488,000	192,122,000
Formosa	22,212,000	25,620,000	23,668,000	23,031,000
	259,111,000	. 265,270,000	279,230,000	291,583,000
Japan	39,826,886	37,096,000	35,116,000	*35,116,000
Netherlands' India	33,813,000	38,469,000	66,610,000	*66,610,000
Straits Settlements	2,117,000	2,676,000	2,913,000	°z,913,000
Other Countries	6,082,000	8,057,000	8,236,000	6,015,000
Total	752,556,647	758,335,000	804,281,000	810,310,000
	IICOUNTRIE	S THAT IMPO	RT TEA.	
Country.	1980	IgII	2922	2913
	Ib.	1b.	lb.	lb.
United States	98,108,939	104,166,000	98,706,000	89,018,000
Canada	37:480,954	33,425,000	42,658,000	35,927,000
Argentina	3,672,000	3,672,000	4,082,000	4,148,000
Australia	36,727,700	34,759,000	36,756,000	37,349,000
Austria-Hungary	3,019,420	3,551,000	3,793,000	3,575,000
Chile	3,408,000	3,625,000	3,812,000	3,849,000
France	2,779,000	2,972,000	2,886,000	2,661,000
French Indo-China	2,859,000		2,920,000	\$2,920,000
German Empire	6,894,005	8,405,000	9,124,000	9,458,000
Netherlands	7,029,000	11,466,000	12,143,000	12,052,000
Netherlands' India	6,149,000	6,276,000	7.624,000	±7,624,000
	7,582,000	8,071,000	7,684,000	7,069,000
Persia	8,127,000	9,443,000	11,120,000	*11.130,000
Russia	154,704,000	153,288,000	151,037,000	152,211,000
Straits Settlements	5,245,000	6,225,000	6,692,000	*6,692,000
Union of South Africa	5,139,000	5,534,000	6,115,000	6,567,000
United Kingdom	287,078,453	203,502,000	205,400,000	305,600,000
Other Countries	52,975,000	49,844,000	56,391,000	62,190,000
Total	729.777,472	751,652,000	768,659,000	768,773,000
Table VII	L-COUNTRIES	THAT IMPOR	T COFFEE.	-
Country.	Igro .	1955,80	- zgra	1913
7		Ib.	1b	lb.
United States	804,417,451	800,200,000	942,515,000	852.529,000
Argentina	26,931,182	24,482,000	31,063,000	32,602,000
Austria-Hungary	131,835,741	127,196,000	124,537,000	130,960,000
Belgium	110,565,924	93,177,000	110,434,000	118,195,000
Cuba	26,598,543	24,779,000 3#,208,000	22,292,000	25,108,000
Denmark		32,208,000	31,637,000	36,091,000
Egypt	14,379,781	15,148,000	15,774,000	13,975,000
Finland	27,970,382	244,842,000	28,331,000 245,243,000	254,155,000
German Empire	240,544,000		376,869,000	254,155,000
		404,035,000 58,391,000	60,921,000	371,131,000 63,196,000
Nothorlando	264,745,621	289,273,000	256,288,000	319,572,000
Netherlands Norway	29,338,865	29,431,000	25,907,000	29,931,000
		25,210,000	25,968,000	27,590,000
Straits Settlements	4,741,000	5,573,000	6,527,000	*6,527,000
	28,311,268	28,336,000	20,500,000	32,013,000
	65,164,883	71,845,000	67,667,000	*67,667,000
Sweden Switzerland Uniou of South Africa	25,512,293	23,707,000	23,942,000	25,470,000
Union of South Africa	26,629,533	24,054,000	25,004,000	26,920,000 -
United Kingdom	29,195,729	28,020,000	27,987,000	28,100,000
Other Countries	29,195,770 87,861,000	101,006,000	106,755,000	112,912,000

^{*} Data for preceding year

2,480,095,000

2,586,161,000

2,603,005,000

Total 2,441,489,167

Table IX -- COUNTRIES THAT EXPORT COFFEE.

Country.	igzo ,	tgat '	agea	1 1913
United States	15, 47, 159, 055 7, 266, 217, 158 90,000,000 27, 503, 158 70, 891,000 33, 669, 776 9, 782, 416 48, 852, 375 13, 823, 451 14, 901,000 20, 371,000 20, 371,000 39, 953,000 59, 550,000 59, 550,000 59, 550,000	1b. 36,384,000 1,489,341,000 83,554,000 93,854,000 93,859,000 54,851,000 65,785,000 195,902,000 195,502,000 195,507,000 195,507,000 195,500 195,500 19	1b. 49,715,000 1,597,950,000 1,597,950,000 123,441,000 126,980,000 126,985,000 76,864,000 140,000 150,792,000 150,792,000 150,792,000 150,1000 150,1000 150,1000 170,141,000 119,083,000	1b, 5a,905,000 2,754,973,000 4,23,443,000 28,702,000 93,014,000 20,073,000 40,074,000 63,471,000 63,471,000 87,181,000 87,181,000
" Total	2,150,898,422	2,372,775,000	2,624,892,000	2,782,659,000

Data for year preceding

FORESTRY OF THE UNITED STATES.

Of the gross revenue 35 per cent, is paid to the States in which the National Forests are situated, to be expended on schools and roads. In addition, 70 per cent, is expended by the Sorvice on roads and trails in the Forest Area.

Table II .- TIMBER CUT FROM THE NATIONAL FORESTS, 1914-1915.

State or Territory.	Cut under Sale, (Board Fort.)	Cut under Free Use. (Board Feet.)	Total Timber Cut. (Board Feet.)
Idaho	100,703,000	24,848,000	125,641,000
Montana	101,384,000	18,378,000	119,765,000
Oregon	49,414,000	12,122,000	61,536,000
Colorado	42,500,000	10.587,000	£2,x95,000
Washington	42,378,000	2,452,000	44,840,000
Arizona	40,076,000	4,235,000	44,331,000
California	37,115,000	5,778,000	43,803,000
Wyoming	34,114,000	9,337,000	43,451,000
Utah	24,394,000	13,060,000	28,353,000
Alaska	37,160,000	1000	37,160,000
New Mexico	17,819,000	13,131,000	30,050,000
South Dakota	10,050,000	4,350,000	24,309,000
Arkansas	11,764,000	275,000	12,030,000
Nevada	a,803,000	3,959,000	4,762,000
Minnesota	T.545,000	286,000	1,831,000
Virginia	1,383,000	91,000	3,474,000
North Carolina	818.000	3,000	830,000
Michigan	- 83,000	100,000	102,000
Oklahoma	,	175,000	175,000
Florida	- 90,000	33,000	132,000
North Dakota	33,	98,000	98,000
Tennessee	34,000	0.000	43,000
Nebraska		5,000	5,000
Total	565,754,000°	123,259,000	689,013,000

Table III .- FINANCES OF THE FOREST SERVICE.

DECEMBER

Item.	1913-12.	E912-13.	1913-14.	1914-15.
Grazing Timber	1,049,971.02 961,488.95	\$ 1,275,556.48 999,369.16	\$ 1,002,347-59 1.304,053.56	\$ 1,130,495.00 1,175,133.95
Special Uses	97,796.94	116,995.21	131,309.06	175,840.40
Total	2,109,256.91	2,391,919.85	2,437,710.21	2,481,469.35

EXPENDITURE

The expanditures upon the National Forests for protection, administration, and improvement at present exceed the revenues from the forests by about \$3,00,000 at yard, depending partly on the severity of the fire season and partly on the setfivity of the seizeral number market. The normal \$65,000 per series is invested in the construction of reads, traits, buildings, and other permanent improvements. The cost of administration includes the cost of handling push free-use business, while the cost of protection is chelefy the cost of protecting sate supplies and future timber

Table IV .- LUMBER PRODUCTION, 1909 TO 1913.

		2909.		£917.	rgrs.	1913.
Species	Quantity.	Value.	Average Value per z,000 ft.	Quantity.	Quantity.	Quantity.
	x,000 ft.	\$	\$	z,oco ft.	x,000 ft.	1,000 ft.
Asb	201,200	7,116,089	24-44	214,398	234,548	207,816
Basswood	399,151	7,781,563	19.50	304,621	296,717	257,102
Beech	511,244	6,773,006	13.25	403,881	435,250	365,501
Birch	452,370	7,666,186	16.95	432,571	388,272	378,739
Cedar	346,008	6,901,948	19.95	374,925	329,000	358,444
Chestnut	663,891	10,703,130	16.12	529,022	554,230	505,802
Cottonwood	265,600	4,794,424	18.05	198,629	227,477	208,938
Cypress	955,635	19,549,741	20.46	981,527	997,227	1,097,247
Douglas Fir	4,856,378	60,435,793	12-44	5,054,243	5,175,123	5,556,096
Elm	347,456	6,088,098	17.52	236,108	. 252,141	214,532
Hemlock	3,051,399	42,580,800	13.95	2,555,308	2,426,554	2,319,982
Maple	1,106,604	17,447,814	15.77	951,667	1,020,864	901,487
Oak	4,414,457	90,512,069	20.50	3,098,444	3,318,952	3,211,718
Poplar (yellow)	858,500	21,799,854	25.39	659,475	623,289	620,176
Red Gum	706,945	9,334,268	13.20	582,967	694,260	772,514
Redwood	521,630	7,720,124	14.80	489,768	496,796	510,271
Spruce	1,748,547	29,561,315	16.91	1,261,728	1,238,600	1,046,816
Western Pine	1,499,985	23,077,854	15.39	1,330,700	1,219,444	1,258,528
White Pine	3,900,034	70,830,131	18.16	3,230,584	3,138,227	2,568,636
Yellow Pine	16,277,185	206,505,297	12.69	12,896,706	14,737,052	14,839,363
All Other	1,335,533	27,300,355	30.44	1,215,935	I,344,39I	1,187,301
- Total.,	44,509,761	684,479,859	15 38	37,003,207	39,158,414	38,387,009

NOTE. - r, ooo feet (sometimes written M feet). A foot of lumber is r foot long, r foot wide,

Table IX .- COUNTRIES THAT EXPORT COFFEE.

Country,	igno .	zgrx '	zòra .	, zōz3
United States Brasil Brasil Costa Rica Gustemals India Reprice Jamaica Merclo Total Total	15, 47, 159, 055 2, 86, 217, 168 30,000,000 27, 59, 186 70, 891,000 33, 69, 776 48, 36, 375 178, 82, 451 34, 901,000 33, 965,000 64, 791,000 33, 965,000 96, 655,000 96, 655,000 31, 150, 898, 422	15: 36,384,000 2,489,341,000 23,554,000 23,554,000 24,532,000 24,532,000 24,532,000 24,532,000 25,577,000 25,577,000 25,577,000 27,577,000 27,777,000 21,372,775,000	15. 49,716 (see 2,597,950,000 123,447,000 125,447,000 125,447,000 125,447,000 125,450,000	1b. 5a.905,000 1.754,973,000 1.754,973,000 1.754,973,000 1.754,973,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.754,000 1.755,000 1.755,000 1.755,000 1.755,000 1.755,000 1.755,000 1.755,000 1.755,000

- Data for year preceding

FORESTRY OF THE UNITED STATES.

Table 1,-GENERAL STATISTICS	l.
Forest Area of the United States	550,000,000 BCTCS
	600,000,000,000 board feet
Average price on stump (1912) \$2.00, (1913) \$2.01	(1914) \$2.30, (1915) \$2.48
Value of Property administered by National Forest Service	\$2,000,000,000
Appropriation by Congress, 1915-16	\$5,553,256
Total Expenditure, 1915	\$5,963,602

Of the gross revenue 25 per cent. is paid to the States in which the National Forests are situated, to be expended on schools and roads. In addition, ro per cent. is expended by the Service on roads and trails in the Forest Area.

Table II .- TIMBER CUT FROM THE NATIONAL FORESTS, 1914-1915.

State or Territory.	Out under Sale, (Board Feet.)	Cut under Free Use. (Board Feet.)	Total Timber Cut. (Board Feet.)
Idaho	100,793,000	24,848,000	125,641,000
Montana	101,384,000	18,378,000	119,765,000
Oregon	49,414,000	12,122,000	61,536,000
Colorado	42,609,000	10,587,000	53,196,000
Washington	42,378,000	2,462,000	44,840,000
Arizona	40,076,000	4,235,000	44,331,000
California	37,115,000	6,778,000	43,893,000
Wyoming	34,114,000	9,337,000	43,451,000
Utah	24,394,000	13,969,000	38,363,000
Alaska	37,160,000		37,160,000
New Mexico	17,810,000	13,131,000	30,050,000
South Dakota	19,959,000	4,350,000	24,300,000
Arkansas	11,764,000	275,000	13,030,000
Nevada	3,803,000	3,050,000	4,762,000
Minnesota	T,545,000	286,000	1,831,000
Virginia	1,383,000	000,10	2,474,000
North Carolina	8z8.000	2,000	830,000
Michigan	83,000	100,000	192,000
Oklahoma		275,000	175,000
Florida	99,000	33,000	133,000
North Dakota	39,	98.000	98,000
Tennessee	34.000	0,000	43,000
Nebraska		5,000	5,000
Total	565,754,000°	123,259,000	689,013,000

a Includes to see see board feet out under soles at cost

Table III,-FINANCES OF THE FOREST SERVICE,

RECEIPTS

Item.	1911-12.	2912-13.	1913-14.	1914-15.
Grazing	\$ 1,049,971.02 961,488.95 97,796.94	\$ 1,275,556.48 999,369.16 116,995.21	\$ 1,002,347.59 1,304,053.56 131,309.06	\$ 1,130,495.00 1,175,133.95 175,840.40
Total	2,109,256.91	2,391,919.85	2,437,710.21	2,481,469.35

EXPENDITURE

The expenditures upon the National Forests for protection, administration, and improvement at present accord the revenues from the forests by about \$3,000,000 a year, depending partly on the activity of the general lumber market. The normal variety of the general lumber market. The normal partly of the school of the property of the present of the property of the p

Table IV .- LUMBER PRODUCTION, 1909 TO 1913,

		1909.		2922,	1919.	1913.
Species	Quantity.	Value.	Average Value per z,oco ft.	Quantity.	Quantity.	Quantity.
	1,000 ft.	S	\$	1,000 ft.	1,000 ft.	1,000 ft.
Ash	201,200	7.116.080	24-44	214,308	≈34,548	207,816
Basswood	399,151	7,781,563	19.50	304,621	290,717	257,102
Beech	511,244	6,773,006	13.25	403,88z	435,250	365,501
Birch	452,370	7,666,186	16.95	432,571	388,272	378,739
Cedar	346,008	6,901,948	19.95	374:925	329,000	358,444
Chestnut	663,89x	10,703,130	16.12	529,022	554,230	505,802
Cottonwood	265,600	4,794,424	18.05	198,629	227,477	208,938
Cypress		19,549,741	20.46	981,527	997,227	1,097,247
Douglas Fir	4,856,378	60,435,793	12-44	5,054,243	5,175,123	5,556,096
Elm	347,456	6,088,098	17.52	236,108	262,141	214,532
Hemlock	3,051,399	42,580,800	13.95	2,555,308	2,426,554	2,319,982
Maple	1,106,604	17,447,814	25.77	951,667	1,020,864	90x,487
Oak	4,414,457	90,512,069	20.50	3,098,444	3,318,952	3,211,718
Poplar (yellow)	858,500	21,799,854	25-39	659,475	623,289	620,176
Red Gum	706,945	9,334,268	13.20	582,967	694,260	772,514
Redwood	521,630	7,720,124	14.80	489,768	496,796	510,271
Spruce	1,748,547	29,561,315	16.91	1,261,728	1,238,600	1,046,816
Western Pine	1,499,985	23,077,854	15.39	1,330,700	1,219,444	1,258,528
White Pine	3,900,034	70,830,131	18.16	3,230,584	3,138,227	2,568,636
Yellow Pine	16,277,185	206,505,297	12.69	12,896,706	14,737,052	14,839,363
All Other	1,335,533	27,300,355	20.44	1,215,935	1,344,391	1,187,301
Total	44,509,761	684,479,859	15 38	37,003,207	39,158,414	38,387,009

NOTE. -1,000 feet (sometimes written M feet). A foot of lumber is 1 foot long, 2 foot wide, and 2 inch or less in thickness.

LIVE STOCK ON FARMS.

(r January, 1915.)

				-		
State.	Horses.	Mules.	Milch Cows.	Other Neat Cattle.	Sheep.	Swine.
1				Cattle.		
Alabama (6)	149,000	281,000	384,000	504,000	119,000	1,559,000
Arizona (8)	118,000	7,000	44,000	791,000	1,761,000	31,000
California (9)	503,000	74,000	387,000 541,000	484,000 1.480,000	2,500,000	877,000
Colorado (8)	347,000	18,000	205,000	, 995,000	1,751,000	256,000
Connecticut (r)	47,000		118,000	71,000	19,000	58,000
Delaware (5)	36,000	6,000	41,000	20,000	8,000	, 60,000
Florida (5)	57,000	309,000	133,000	735,000 660,000	163,000	949,000
Idaho (8)	243,000	4,000	120,000	379,000	3,041,000	328,000
Idaho (8) Illinois (3) Indiana (3)	1,467,000	145,000	1,007,000	1,180,000	935,000	4,358,000
Indiana (3)	854,000	86,000	646,000	693,000	1,114,000	4,167,000
Iowa (4) Kansas (4) Kentucky (6)	1,600,000	58,000 233,000	725,000	1,768,000	316,000	8,720,000
Kentucky (6)	443,000	231,000	390,000	543,000	1,229,000	1,582,000
	191,000	132,000	268,000	448,000	180,000	1,412,000
Maine (x)	113,000		157,000	101,000	165,000	95,000
Massachusetts (1)	167,000	25,000	177,000	83,000	30,000	349,000
Michigan (3) Minnesota (4)	673,000	4,000	814,000	707,000	2,033,000	1,302,000
Minnesota (4)	872,000	6,000	1,186,000	1,208,000	564,000	1,716,000
Mississippi (6)	241,000	292,000	434,000	514,000	208,000	1,540,000
Montana (8)	391,000	329,000	797,000	791,000	4,379,000	4,250,000
Nebraska (4)	1,038,000	85,000	625,000	2,034,000	374,000	3,800,000
Nevada (8)	- 78,000	3,000	24,000	450,000	1,532,000	36,000
New Hampshire (1)	47,000		95,000	64,000	38,000	52,000
New Jersey (z) New Mexico (8)	217,000	4,000	146,000	70,000	31,000	73,000
New York (2)	615,000	4,000	1,500,000	804,000	849,000	768,000
North Carolina (5)	. 182,000	194,000	315,000	369,000	177,000	1,525,000
North Dakota (4)	785,000	8,000	339,000	515,000	250,000	642,000
Oklahoma (7)	910,000	24,000	895,000 494,000	838,000	3,263,000	3,649,000
Oregon (o)	304,000	10,000	210,000	503,000	2,563,000	360,000
Pennsylvania (2)	596,000	45,000	943,000	638,000	831,000	1,186,000
Rhode Island (1)	83,000	266,000	. 185,000	211,000	7,000	15,000
South Dakota (4)	759,000	14,000	453,000	967,000	32,000	819,000
Tennessee (6)	353,000	275,000	355,000	503,000	674,000	1,501,000
Texas (7)	1,192,000	753,000	1,086,000	5,121,000	2,114,000	2,880,000
Vermont (1)	146,000 88,000	3,000	92,000 268,000	381,000	2,068,000	98,000
Virginia (5)	354,000	62,000	340,000	450,000	720,000	956,000
Washington (9)	311,000	15,000	253,000	215,000	546,000	387,000
West Virginia (5)	192,000	12,000	234,000	338,000	796,000	374,000
Wyoming (8)	705,000	3,000	1,625,000	1,216,000	781,000	2,255,000
					4,427,000	-4,000
United States	21,195,000	4,479,000	21,262,000	37,067,000	49,956,000	64,618,000
Geographical Divisions :-						
New England (x)	369.000		818,000	497,000	364,000	466,000
Middle Atlantic (z) East North Central (3)	1,303,000	54,000	2,598,000		1,711,000	2.115,000
West North Central (4)	4,609,000	252,000 733,000	4,988,000	4,634,000 10,589,000	8,126,000	22,988,000
South Atlantic (5)	1,196,000	802,000	1,840,000	3,004,000	2,238,000	7,074,000
East South Central (6)	1,286,000	1,079,000	1,563,000	2,064,000	2,230,000	6,182,000
West South Central (7) Mountain (8)	2,417.000	1,394,000	2,235,000	7,172,000	2 500,000	7,285,000
Pacific (9)	1,716,000	46,000	713,000	5,407,000	5,609,000	1,162,000
	-,0,090	39,000		-,-90,000	5,009,000	1,504,000
	21,195,000	4,479,000	21,262,000	37,067,000	49,956,000	64,618,000

GESTATION AND BREEDERS' TABLE.

Day of Month.	Human.	- Cow.	Ewe.	Sow.	·Mare.
January r to	October 8	October to	May 29 June 6	April 21 ,, 29 May 7	December 1
77 77 77 78 78 78 78 78 78 78 78 78 78 7	November 1	November 3	27 - 22 27 - 29	1). IS	39 25 January 2
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9), 16), 24 December 2	,, 18 ,, 25 December 4	July 7	June 7	11 9 11 17 12 25
March 1,), 6), 24), 22	,, 16 ,, 16	August 4	" 29 30 July 5	February 6
April 25 ;;	January 6	January 1 8 16	September 4	" 23 " 20 " 28	March x
y 17 ,	,, 22 ,, 30 February 5	February 1	,, 12 ,, 20	August 5	25 X7 29 25
n 9 n	y 13 march x	", 15 March 3	October 4	September 4	April 8
June I ,,	,,, 8 ,, 16	17 18	November 4	9, 19 3, 27 October 5	May 1
July . 1 ,	April x	April 3	73. 18 77 20 78 26 December 4	;; I3 ;; I9	", 25 ", 31 June 8
9 11 17 11 11 11 11 11 11 11 11 11 11 11	May x	May . 3	- 17 X2	November 4	" 16 July 1
August x,,	,, 15 ,, 24 June 1	33 18 33 26	January 4	December 5	n 17
September 1 ,,)1 8 10 16	" 10 " 18	February 4	,, 20 ,, 28	August 1
0ctober 1,	July 2 ,, 8	July - 4	37 12 37 20 37 26 March 6	37 13 31 19	September 8
9 ;;	August x	,, a6 August 3)) 14)) 22	February 4	october z
November x ,	" 8 " 16	31 18 31 28 3- 26	April 6), 19 27 March 7	" 9
December x ,,	September i	September 3	32 28 23 28 May .6	,, 15 ,, 21 ,, 29 April 6	November 8
" " " " " " " " " " " " " " " " " " "	October z	October 3	35 . 14 32 . 22	April 6	33 24

PERIODS OF GESTATION AND INCUBATION.

	Shortest Period.	Usual Period.	Longest Period.	- + · ·	Shortest Period.	Usual Period.	Longest Period.
Human	322 365 240 146 109 150	Days. 280 347 380 283 154 115 156 60	Days. 320 419 391 321 161 143 163 63	Rabbit Turkey on Hen's eggs Turkey on Duck's eggs Hen on Duck's eggs Hen on Hen's eggs Hen on Hen's eggs Hen on Buck's eggs Hen on Hen's eggs	Days. 20 17 24 24 26 19 28 27	Days. 28 24 27 26 30 21 30 30	Days. 35 28 30 30 34 24 32 33

SEED PLANTING TABLE.

		MADII OLI			*** * .
KIND OF COOP.	Date of Planting.	: Best Soil.	Amount of Manure	per Acre (z).	Metawitu
Conn	May to so May	Sandy or clay loam .	8 to ve tons	S to ra ots	14-17
Wheet	Pell or Spring	Clay loam	-8 tons	a hugh	30
Onto	Apr to May	Strong loam	6 to 8 tons	z to z bush	11-15
Parloy	Apr. to so June	Strong loam	z to 8 tons	a to a bush	10-15
Darrey	Apr. to May Sent	Madium loam	n to 8 tone	r to 6 pecks	40
Descharkent	Apr. to may, dept.	Medium loam Light loam	. to 6 tone	- to -1/ bush	10-15
Duckwiteac	May to Tuno	Sandy loam	a to 8 tone	8 to +6 ata	8-14
White Beaus	May to June	Rich loam	7 60 6 60115	8 to as bush	12-20
Potatoes	15 Apr. 60 1 318y -	Canda lasar	15 00 20 00110	- lb	IO.
Turnips	Y July to 3 Aug	Sandy loam	9 to an tone	4 to 6 lb	17-23
Mangels	15 Apr. to 5 May.	Strong neavy loam .	8 to 15 tons	4 10 0 10	
Tobacco	seed bed Apr	Sandy loain	9 10 12 10ES		9-X2
		MIDDLE STA			
Corn	20 Apr. to 30 May	Medium loam	8 to 12 tons	6 to 8 qts	16-18
Wheat	ao Sept. to ao Oct.	Loam Moist clay loam	8 tons; 300 lb. fert.	2 bush	41-43
Oats	Mar, to May	Moist clay loam	8 tons; 300 lb. fert.	2 to 21/2 bush	16-17
Barley	Mar, to May	Clay loam	8 tons; 300 lb. lert.	2 to 2% Dush	13-16
Dya	* Sont to * Oct .	Sand or gravel loam	Stone: 200 lb fert.	z 1/4 hush	40-43
Buckwheat.	June to July	Loam	s tons	36 to x36 bush.	8-70
White Beans	May to June	Loam	8 tons	136 bush	13-14
Potatoes	Mar to May	Loam	ro to 18 tons	8 to 15 bush	14-22
					TO-TE
Cabbaga	Mar to July	Clay or sandy loam.	age to fee lb. fert.	4 to 8 oz.	8-15
Thuming	Tuly	Clay or sandy loam.	300 00 000 10. 161 1/.	a to a lb.	10-12
Turnips	Man	Loam	se to se tone	a to 5 to te hugh	15-18
mangers	May	Limestone loam	. 10 00 20 0003	20 00 13 0 40II	8-10
FIRX	alay	Sandy loam	Commission Lone	an dros	15-20
Tobacco	. seed bed Mar	Sandy toam	Commercial fere	C 4- 0 -4-	15-20
Hay, Timothy	Aug. to Oct	Clay loam		o to o dra	
Hay, Clover	. Feb. to Apr	Clay loam		p drs	
	CEN	TRAL AND WEST	ERN STATES.		
Corn	. z Apr. to z June .	Black or sandy loan	5 to so tons	6 qts	16-20
Wheat	Wall or Spring	Strong loam	8 tons	# bush.	40-48
Onto	. T ADP. to T May .	Clay loam	8 tons	a to a bush	13-14
Repley	Fall or Spring (1)	Clay loam	Stons	a bush	11-12
Rye	. x Sept. to 20 Sept.	Light loam	8 tons	z to z bush	35-40
Buckwheat	June	Clay loam	< tons	z to z bush	10-13
White Beans.	to May to ro June	Clay loam	8 tons	x1/2 bush	12
Turning	re July to 20 Aug	Loam or muck Sandy loam	8 to so tons	1 to 6 lb	10-16
Mangole	w Apr to se May	Sandy loam	8 to re tons	6 to 8 lb	22-24
Tobacco	Sand had May	Sandy loam	8 to to tons	02. to 6 80 rd	75-78
Hay	Ann to Mar	Sandy loam	to tons	8 to re lb.	25 20
1107	. Apr. to biay	SOUTHERN ST	14 mileo	0 10 29 101 11111	
0.11	70.2 4 25	SUUTHERN SI	ALEO.	- to - limit	
Cotton	. Feb. to 15 May	Sandy loam (2) Rich loam	bush cotto	2 to 3 Dusn	20-30
Corn	. Feb. to June	. Rich loain	. 10 Dusn. cotton seed	8 qus	10-20
Oats	. Feb., May, Sept	. Clay loam (2)	. 8 to to tons	z½ Dush	17
Barley	Apr. to May	Clay loam (z) Clay loam (z) Clay loam (z)	. 8 to 10 tons	2 1/2 Dush	. 17
Rye	Sept. to Oct	. Clay loam (2)	. To tons	1 1/2 bush	43
White Beans.	. Mar. to May	Light loam	. 8 tons	z to z bush	7-8
Cabbage	. Oct., Mar. to May	Light loam	. 6 to so tons	% to % lb	X4
Watermelons	. I Mar. to 10 May	. Rich, light loam	. 5 tons; 300 lb. fert.	2 to 7 lb	16-20
Potatoes	Jan Feb to Anr	Light loose loam	. S to 12 tons	8 to 10 bush	11-15
Sweet Potatoe	s May to June	. Sandy loam		zo to za bush	12-15
Pumpkins	z Apr. to z May	Sandy loam		4 to 7 lb	17-20
Turning	Keb Aug Ang	Rich light loam		2 to 6 lb	3-x2
Tobacco	Seed hed Mar.	Rich, light loam	. 8 to as tons	oz. to 6 sq. rd.	18-20
Cow Pess	r May to re July	Sandy loam	, soo to soo lb, phos	2 to 5 pecks	6-8
Con 1 cas		· · · · · · · · · · · · · · · · · · ·	To to 300 io. phos.	, pools in	CODY
(1) The stan	fard varieties of seed ;	Middle States bearing	tions of the United Sta	Central and West	eru States
learning wanters	flint white dent: So	planted in the several sec Middle States, learning, w athern States, hickory kin	g. goardseed, Cox prolific	WHEAT-Mid	die States,

LEGAL WEIGHT OF THE BUSHEL-IN POUNDS.

									-3	of 1			
State.	Apples.	Apples, Dried.	Beets.	Buckwheat,	Corn Menl.	Malt.	Onfonic.	Peaches.	Peaches, Dried, Peeled.	Sweet Potatoes	Salt.	Fine Salt,	Turnips.
15-14-201-4		26											
United States			***	48	48	34	. 57		33	55		***	55
Alabama		24	100							55			55
Arkansas	50	24	***	52	48		57		33	50	50		57
California	30			40	40		5/		33	30	30		34/
Colorado				52	50"		57				80		
Connecticut	48	35	бо	48	50		52		-33	54		50	
Delaware													
District of Columbia													
Florida	48	25	1		48		56	54	33	60	бо		54
Georgia		24	***	53	48	***	57	***	38	55			55
IdahoIllinois		1			48	-0			***	50			
Indiana		25		52	50	38	48	***	***	55	50	55	55 55
Iowa	48	24	56	52	50	33	57	48		46	80		55
Kansas	48	24	56	50		32	57	48		50	80		55 60
Kentucky	1	24		56	50		57		39	55	50	55	60
Louisiana													
Maine	44		60	48	50		52	and "				60	
Maryland		28 :			48	34	57	40		бо		56	60
Massachusetts	48	25	60	48	50		52	48	33 28	54 56	***	50	55
Michigan,	48	23		48	50		54	***			56	***	58
Minuesota	50	28	50	50 48	48	-0	52		28	55 60			55
Mississippi	48	24		52	50	-38 38	57 57	48	33	56	50		22
Montana	45		50	52	50	30	57		33		20.		50
Nebraska	48	24	2~	. 52	50	30	57		33	50	50		55
Nevada	48	34	46	50	48	.32	57	48		50	80		56
New Hampshire	48	25	60	48	50		52	48		-54		50	55 .
New Jersey	50	25	60	50			57	50	33	54			
New Mexico													
New York	48	25		48	50		57		33	54 55		56	
North Carolina	48	***	-50	50	48		57		***	46	80		50 60
North Dakota Ohio	50 50	24	56	42 50		24	52 55	48	33	50			60
Oklahoma	48	24	60	52	50	34 38	57	48	33	55	80		60
Oregon	45	28		42	270		37		28				
Pennsylvania	75			48			50					62	
Rhode Island	48	25	50	48	30	38	50	48	33	54		50	50
South Carolina					48								
South Dakota			60	42	-		'58			46	80		60
Tennessee	50	24	50	50	**3		56	50	26	50	50		50
Texas	45	38		43	***	***	57	50	26	35	30		55
Vermont	46		60	48	***	***	52				70		60
Virginia	45	28		52	50	38	57		40	56	50		55
Washington	45	98		43	30	30	3/		28	30	30		33
West Virginia	45	35		52					33				
Wisconsin	50	25	50	50	50	34	57		33	54		50	43 -
Wyoming													***

BEANS.—60 lb. (except Ariz., 55 lb.; Vt., 6a lb.).
BRAN — 30 lb.
CROVER SEID.—66 lb. (except N.J., 64 lb.).
CONEN SEID.—66 lb. (except S.J., 56 lb.).
CONEN SEID.—67 lb. (except Cal., 57 lb.)
CONEN SEID.—70 lb. (except Ohio, 68 lb.; Miss., 73 lb.).
CONEN, WHELEER.—56 lb. (except Mass., 58 lb.).
BEMISEER.—48 lb. (except Minn., 58 lb.; Nev., 48 lb.).

MILLER.—50 lb. (except Minn., 48 lb.).

ORTS—32 lb. (except N.A. and V.A., 30 lb.).

PORATONS—60 lb. (except Fun. and V.A., 56 lb.).

RYLS—36 lb. (except Cun., 54 lb.; I.A., 32 lb.; Mc., 56 lb.).

SALT (OANSE—70 lb. (except III., 50 lb.; Punna, THOOTHY SERD—45 lb. (except Ark., 60 lb.; S. lbax, 42 lb.).

WHERT.—60 lb.

MINERAL PRODUCTION OF THE U.S.

Table I .- VALUE OF ALL MINERALS PRODUCED, 1910-1913.

Classification.	zgro.	FGIT.	IGT2.	, 1913,
Total Value	\$ 2,003,744,869 760,743,467 1,242,701,402	\$ 1,927,532,128 680,531,782 1,246,750,346	\$ 2,243,630,326 867,103,085 1,376,027,241 500,000	\$ 2,445,805,017 882,980,156 1,562,324,861 500,000
Unspecified	300,000	250,000	500,000	500,000
Metallic Minerals :	8,955,000	8,084,000	11,907,000	13,845,000
Antimonial Lead	1,338,000	1,380,556	1,311,348	1,675,179
Gold (coinage value)	96,269,100	137,154.092 96,890,000	205,139,338 93,451,500	189,795,035 88.884,400
Lead	32,755,976	36,527,670	37,385,550 420,563,388	38,405,840 458,342,345
Pig Iron (spot value)	25,277	327,334,624 40,800	420,503,388	46,430
Quicksilver (spot) Silver (commercial)	058 753	977,989 32,615,700	1,053,941 39,197,500	813,171
Tin	23,447	56,635	124,800	36,970
Zinc	27,267,732	30,964,794	44,699,166	37,772,224
Non-Metallio:-				
Anthracite (Penna)	52,305	175,189,392 73,408	177,622,626	195,181,127
Asbestos	58,357 3,080,067	119,935	87,959 4,620,731	5,282,370
Rerutos	797 746	3,991,109	153,313	156,275
Bauxite Bituminous Coal	716,258 469,281,719	750,649 451,375,819	253,313 768,932 517,983,445	997,698 565,307,658
Borax	1,201,842	1,569,151	1,127,813	, 1,491,530
Bromine	41,684 68,752,002	110,902 66,705,136	136,174	93,001,169
Clay products	170,115,074	162,236,181	172.811.275	181,289,132
Feldspar Fluorspar	502,452 430,106	579,008 611,447	520,562 769,163	776,551
Fuller's Earth	293,709	383,124	305,522	369,750
Gems and Stones	23,574 295,797	343,692	319,722	319,454
Glass Sand	1,<16,711	1:542,733 32:415	1,430,471	1,895,991
" (crystalline)	295:733	256,050	32,894 187,689	39,428
Gypsum Infusorial Earth	6,523,029 130,006	6,462,035	6,563,908	6,774,822 285,821
Lime	. 13,894,96z	13,680,054	13,970,114	14,648,362
Manganese Orea	74,658	75,000 x39,504	105,120 35,665	77,056 65,604
Manganese Ores Mica Millstones		335,804	331,806	436,060 56,163
Mine: , Paints and Zinc Oxide	28,217 7,500,471	40,069 7,962,518	71,414	9,543,306
Mine: , Paints and Zinc Oxide Mineral Waters	6,357,590	6,837,888 74,621,534	6,615,671 84,563,957	5,631,391 87,846,677
Oilstones	70,756,158 238,604	214,991	272,218	207,352
Peat	140,209	272,114	228,572 163,802,334	237,121,388
Phosphate Rock	10,917,000	11.000.602	11,675,774	11,796,231
Pumíce	94,943 qs8.6o8	88,399 , 1,164,871	2,334,250	55,408 1,286,084
Quartz	193,757	155,122	191,685	668,orr
Salt	7,900,344	8,345,692 19,614,850	9,402,772 21,682,737	20,123,139
Sand-lime Brick	1,160,153	897,664 5,728,019	1,200,223 6,043,318	1,238,325 6,175,476
-Stone		77,108,567	78, 284, 572	- 83,732,995
SulphurTalc and Soapstone	4,605,112	4.787.040	5,256,422	5,479,849
Thorium and Zircon	12.006	1,032,732	1,050,093	***
Titanium Ores Tungsten Ores	44,480 807,307	407,985	502,158	49,000
		4~7:305	3-1,130	

Table II .- VALUE BY STATES AND TERRITORIES, 1912 and 1913.

States and Tellitories.	ayes.	Lyay,	States and Territories.	1912,	1913.
	8	\$		S	\$ 7
Alabama	30,641,083	34,660,545	Nebraska	1,400,582	1,433,718
Alaska	22,724,833	19,636,213	Nevada	30,111,828	
Arizona	67,497,838	71,429,705	New Hampshire	1,049,876	
Arkansas	6,258,726	6,780,760	New Jersey	36,881,030	
California	92,837,374	100,791,369	New Mexico	14,391,355	
Colorado	58,167,399	54,295,281	New York	38,406,473	
Connecticut	3,715,480	3,795,297	North Carolina	3,368,923	
Delaware	425,360	541.542	North Dakota	1.025.741	
D.C	300,336	246,582	Ohio	111,220,656	
Florida	10,272,504	10,508,016	Oklahoma	53,614,130	
Georgia	6,306,140	6.525,792	Oregon		
Idaho	21,816,300	24,565,826	Pennsylvania	2,553,549	3,563,919
Illinois	123,068,867	131.825,221	Rhode Island	445,790,022	
Indiana		46,607,864	South Carolina	. 934,292	
Iowa	42,239,193		South Dakota	1,606,989	
	22,900,350	25,602,015		8,436,240	
Kansas	. 26,554,967	27,312,563	Tennessee	19,362,209	
Kentucky	22:452,984	26,845,579	Texas	22,797,015	
Louisiana	15,357,841	21,011,828	Utah	51,004,942	53,606,520
Maine	3,925,526	4,429,584	Vermont	9,113,912	
Maryland	10,916,671	11,292,723	Virginia	14,995,842	17,178,580
Massachusetts	6,654,514	7,044,529	Washington	15,347,313	17,579,743
Michigan	80,062,486	72,143,211	West Virginia	123,872,358	143,640,633
Minnesota	66,672,729	85,814,533	Wisconsin	14,192,287	
Mississippi	1,242,528	1,143,472	Wyoming	13,374,088	13,681,091
Missouri	58,332,550	54,001,088			
Montana	71,620,873	69,307,056	. Total	2.243,630,326	2.445.805.017
				3-73-1	

GOLD AND SILVER PRODUCTION OF U.S., 1914.

Table I .- BY STATES AND TERRITORIES,

(Estimate of Bureau of Mint and the Geological Survey.)

State or Territory.			Silver.		
State of territory.	Fine Ounces.	Value.	Fine Ounces.	Value.	
		S		S	
Alabama	595	12,300	300	200	
Alaska	800,471	16,547,200	865,900	478,800	
Arizona	221,020	4,568,900	4,430,500	2,455,000	
'alifornia	1,028,061	21,251,900	2,020,800	1,117,500	
olorado	962,779	19,902,400	8,804,400	4.868,800	
Jeorgia	813	16,800	100	100	
daho	57:43 ^x	1,187,200	12,573,800	6,953,300	
Illinois	***		1,900	" I,200	
Maryland	10	300	. / 100	100	
Michigan	411		415,500	229,800	
Lissouri	***		60,000	33,200	
Montana	200,446	4,143,600	12,536,700	6,932,800	
Nevada	558,064	11,536,200	15,877,200	8,780,100	
New Mexico	58,974	1,219,100	1,771,300	979,500	
North Carolina	6,303	130,300	1,500	800	
)klahoma			. 1 6,200	3,400	
Oregon	76,887	1,589,400	147,400	81,500	
Philippine Islands	53,179	1,099,300	10,300	. 5,700	
Porto Rico	135	2,800			
South Carolina	155	3,300		A STATE	
South Dakota	354,782	7,334,000	179,800	99,400	
l'ennessee	309	5,400	102,800	56.800	
l'exas	426	8,800	574,700	317,800	
	163,362	3,377,000	11,722.000	6,482,300	
Virginia	15	300	1,500	800	
Washington	28,435	587,800	341,300	188,700	
Wyoming	324	6,700	100	100	
Total	4,572,976	94,531,000	72,455,100	40,067,700	

Table II .- RETROSPECT OF GOLD AND SILVER PRODUCTION, U.S.

	Go	idan Sebana ()	Silver.		
Year.	Fine Ounces.	Value	Fine Ounces.	Value.	
		\$		\$	
1875	1,619,009	33,467,900	24,539,300.	30,485,900	
x88o	1,741,500	36,000,000	30,318,700	34,717,000	
1885	1,538,373	31,801,000	39,909,400	42,503,500	
1890	1,588,877	32,845,000	54,516.300	57,242,100	
1805	2,254,760	46,610,000	55,727,000	36,445,500	
1000	3,829,897	79,171,000	57,647,000	35,741,100	
2005	4,365,743	88,180,700	56,101,600	34,222,000	
TOTO	4,657,017	06,260,100	57,137,900	30,854,500	
IOII	4,687,053	96.890.000	60.309.400	32,615,700	
1912	4,520,717	93,451,500	63,766,800	39 197,500	
1013	4,271,562	88,301,023	67,601,111	40,864,871	
1914	4,572,976	94,531,000	72,455,100	40,067,700	

Table III .- WORLD'S PRODUCTION OF GOLD AND SILVER, 1912.

	G	old.	- '8il	rer.
Country.	Fine Ounces.	Value.	Fine Ounces.	Value.
100000000000000000000000000000000000000		\$		\$
United States	4,520,719	93,451,500	63,766,800	39,197,500
Canada	611,885	12,648,800	31,625,451	19,440,200
Argentina	5,193	107,300	8x,996	. 50,400
Australasia	2,636,894	54,509,400	14,737,944	9,059,400
Austria-Hungary	98,840	2,043,200	1,840,297	1,131,200
Brazil	172,728	3,570,600	40,610	25,000
British East Indies	65.403	1,352,000		
British Guiana	42,560	879,800	724,235	445,200
British India	534,822	11,055,700	93,649	57,600
British South Africa	9,796,906	202,520,000	1,143,244	702,800
*Chile	8,457	175,000	4,049,856	2,489.500
China\	176,999	3,658,900		
Colombia	143,757	2,971,700	587,683	361,200
Ecuador	19,665	406,500	22,642	13,900
French Indo-China	3,600	74.700		
Germany	3,779	78,100	4,984,677	3,064,100
Greece	***	and .	803,750	494,100 0
Italy	534	11,000	447,761	375,200
Japan	216,093	4,467.000	4,932,852	3,032,200
Korea	237,993	2,853,600	12,224	7,500
Mexico	1,185,187	24,500,000	74,640,300	45,881,400
Netherlands' Guiana	19,702	407,300		
Netherlands' India	163,852	3,387,100	465,980	286,400
Norway	411	***.	247,988	152,400
Peru	23,813	. 492,200	8,351,563	5,133,700
Portugal	113	2,300	205,822	x26,500
Russia	1,073,875	22,199,000	200,094	. 123,000
Servia	12,149	251,100	24,132	14,800
Siam	- 2,733	56,500	***	
Spain	244		5,152,626	3,167,300
Sweden	984	20,300	32,202	. 19,800
Turkey	- 23	500	1,509,133	927,700
Uruguay	5,369	111,000		
Venezuela	30,162	623,500	122,303	75,200
Total	22,549,335	466,136,100	224.310,654	137,883,800

WORLD'S PRODUCTION SINCE 1492—Since the was \$3,80,000, and at the close of the 19th Discovery of America over 70,000,000 fine ounces of older and to concurry it was \$3,85,000.000; the average annual of gold and it one ooo fine ounces of silver have been produced. The annual average value of the 19th and \$3,000,000 (19th) gold produced at the close of the 19th century value) at the close of the 19th century.

COAL PRODUCTION OF U.S.

Table I .- PRODUCTION BY STATES, 1912.

State or Territory.	Quantity. (Short tons.)	Value.	State or Territory.	Quantity. (Short tons.)	Value.
Alabama Arkansas Arkansas Arkansas Colorado Georgia Idaho & Nevada Illinois Indiana Iowa Kansas Kentucky Maryland Misouni Misouni New Mexico North Dakota North Dakota	2,234,107 26,911 9,232,510 255,626 2,177 61,618,744 17,105,671 7,525,936 19,616,600 4,779,839 1,231,786 4,318,125 3,240,073	\$ 23,083,724 3,923,701 3,923,701 95,173 14,035,090 301,319 5,285 70,313,665 19,001,881 13,496,710 20,516,749 20,516,749 21,516,749 2	Ohio	173,781,217 6,903,784 2,429,144 3,254,828 8,828,068 3,877,801 71,308,982 7,393,066	\$ 39.946.058 6,542.748 116.724 793.039.866 7,883.714 4,288.920 5,384,127 71.872.165 11,510,045 565,307,658 195,181,127 760.488.785

Table II .- RETROSPECT OF COAL PRODUCTION, U.S.

Year.	Pennsylvania Anthracite.		Bituminous Coal,		Total Production.	
	Short tons.	Value.	Short tons.	Value.	Short tons.	Value.
1880 1885 1890 1895 1900 1905 1910 1911 1912 1913	28,649,812 38,335,974 46,468,641 57,999-337 57,357,915 77,659,850 84,485,236 90,464,667 84,361,598 91,524,922	\$ 42,196,678 76,671,948 66,383,772 32,019,272 85,757,851 141,879,000 160,275,302 175,189,392 177,622,626	42,831,758 72,824,321 111,302,322 135,118,193 212,815,112 315,062,785 417,111,142 405,907,059 450,104,982 478,523,203	\$ 58,443,718 82,347,648 110,420,801 115,779,771 220,930,333 334,658,294 469,281,719 451,375,819 517,983,445 565,307,658	71,481,570 111,160,295 157,770,963 193,117,530 269,684,027 392,722,635 501,596,378 496,371,126 534,466,580 570,048,125	\$ 100,640,396 159,089,596 176,804,573 107,799,043 306,688,164 476,537,294 6:9,557,021 626,565,221 695,666,071 760,488,785

Table III .- COAL PRODUCTION OF THE WORLD.

Country.	Short tons.	Country.	Short tons.
United States (1913)	570,048,125	Italy (1912)	731,720 21,648,902
Australasia : New South Wales (1913)	11,663,865	Mexico (1912)	982,396 1,901,902
New Zealand (1912)	2,438,929 1,010,426 50,087	Ne dands India (1912) Russia (1912) Serbia (1912)	622,669 31,752,744 335,495
Victoria (1912)	664,334 56,954,579	South Africa:— Cape Province (1911)	89,023
Belgium (1912) Bosnia and Herzegovina (1912)	25,322,851 940,174	Natal (1911) Orange Free State (1911) Transvaal (1911)	2,679,551 482,690 4,343,680
China (1912)	1,470,917 16,534,500 45,108,544	Spain (1912)	4,559,453 397,145
Germany (1912)	281,979,467 321,022,130	Turkey (1912)	909,293 4,251,368
India (1912)	16,471,100	Total	1,443,393,054

Table IV .- COKE PRODUCTION OF U.S., 1904-1913.

No. of Es-		Ovens.		Coal used.	Coke produced.	Value of Coke at	Price at
Year. tablish- ments. Built.	Built.	Building.	(Short tons.)	(Short tons.)	Ovens.	Ovens per ton.	
1904 1905 1906 1907 1908 1909 1910 1911 1912 1913	507 519 532 552 551 579 578 570 559 551	83,599 87,564 93,901 99,680 101,218 103,983 104,440 103,879 102,230 102,650	4,430 4,751 4,519 2,546 2,241 2,950 2,567 2,254 2,783 1,321	36,531,608 49,530,677 55,746,374 61,946,109 39,440,837 63,088,327 53,278,248 65,577,862 69,239,190	23,661,106 32,231,129 36,401,217 40,779,564 26,033,518 39,315,065 41,708,810 35,551,489 43,983,599 46,299,530	\$ 46,144,941 72,476,196 92,608,034 111,539,126 62,483,983 89,965,483 99,742,701 84,130,849 111,736,696 128,922,273	\$ 1.95 2.85 2.52 2.74 2.40 2.29 2.37 2.54 2.78

IRON ORE PRODUCED IN U.S. Table I.—PRODUCTION OF IRON ORE. 1890-1913.

Table II .- WORLD'S PRODUCTION OF IRON ORE, PIG IRON, AND STEEL

Country.	Iron Ore. (Long tous.)	Pig Iron. (Long tons.)	(Long tons.)
United States (1912)	55,150,147	29,726,937	31,851,303
Canada (rors)	. 155,250	+ 1927.535	
Newfoundland (rozz)	1,180,633		
Algeria (1910)	1.048,228		
Australia (1910)	157,821	~	
Austria-Hungary (1910)	4,592,572		
Belgium (zozz)	148,130	†z.106,120	*2,226,710
China (2000)	80.108		37.00
Cuba (1912)	1,397,797		
France (1910)	14,375,084	†4.038.407	72,323,400
Germany and Luxemburg (1911)	29,408,812	†15.280.527	1-10-010
Greece (1910)	527,040	1 1 1 1 1 1	
India (1910)	. 54,626		
Italy (rozz)	367,000		
Norway (1010)	100,824		
Russia (1911)	4,330,000	3.081.000	
Spain (1909)	8.647.658	247,000	
Sweden (1910)	5,465,234	*624,303	
Tunis (1930)	327,756	- 31133°	
United Kingdom (1911)	15,519,424	9,526,272	6,523,000
The World (1906)	123,733,000	59,721,000	50,375,000

Table III .- PIG IRON AND STEEL PRODUCED IN U.S., 1890-1913.

Year. Pig Iron. (Long tons.)	. Steel (Long tone).					
	Bessemer.	Open hearth.	Crucible.	Other.	Total.	
1890 1895	9,202,703 9,446,308	3,688,871	513,232 1,137,182	71,175 67,666	3.793 - 858	4,277,071 6,114,834
1900	13,789,242	6,684,770	3.398,135 8,971,376	100,562	4,86z 8,063	20,023,047
1006 .	25,307,101	12,275,830	10,080,413	127,513	14,380	23,308,136
1907	25,781,361	11,667,540	11,549,736	131,234	14,075	23,362,594
1908	15,936,018	6,116,755	7,836,729	63,631	6,132	14,023,247
1909	25.795:471	9,330,783	14,493,936	107:355	22,947	23,955,021
1910	27,303,567	9,412,772	16,504,509	122,303	55,335	26,094,919
1911	23 649,547	7,947,854	15,598,650	97,653	31,949	23,676,106
1912	29,726,937	10,327,001	20,780,723	121.517	21,162	31,251,303
1913	30,966,152	9,545,706	21,599,931	121,726	34,011	31,300,874

COPPER, LEAD, AND ZINC PRODUCTION, 1913.

Country.	Copper.	Lead.	. Zinc.
Treited States	1b.	Short tons,	Short tons.
United States	1,224,484,098	411,878	346,676
Canada	76,075,832	18,849	
Newfoundland			1
Australia	104,277,580	127,867	£.105
Austria-Hungary	9.038.860	26,565	†22.028
Belgium	9,030,000		217,928
D-Mata		55,997	
Bollvia	8,157,020		- "
Chile	88,184,000		
Cuba	7,405,640		
France		30.864	78,280
Germany	ee man 280	100,627	312,075
Greece	55,770,500	20,282	322)0/3
The last			
Italy	3,527,360	23,920	
Japan	161,376,720	7. 3,968	
Mexico	116,402,880	68,343	
Netherlands			26.811
Norway	10,400,480		10,237
Peru	56.658.220		-0,03/
Portugal	20,030,880		1
Russia	74-735-940	1 1,103	8,389
South Africa	12,786,680		
Spain	120,591,620	223,767	
Sweden	2,204,600	1.652	
Turkey	1,102,300	15,722	
United Kingdom	661,380	33,620	64 200
United Kingdom	901,300	33,020	05,197
World	2.108.722.120	1.270.458	1.003.635

World 2,198,732,130 1,270,458 1

DEED CONTROL OF DEPONDENT PRODUCTION IS 1909 1019

Year ending	PRODUCTION.			Exports.		
June 30.	Burrels of 42 Gallons.	- Gallons. \	. Value.	Gallons.	- Value,	
1903	100,461,337 117,090,772 134,717,572 126,493,936 166,095-335 178,527,355 183,170,874 209,557,248 220,449,391	4,219,376,154 4,917,812,456 5,658,138,360 5,322,745,312 6,976,004,070 7,486,808,910 7,693,176,708 8,801,404,416 9,258,874,422 0,352,271,848	\$ 94,694,050 101,175,455 84,157,399 92,444-735 120,106,749 129,079,184 128,328,487 127,899,688 134,044-752 164,212,247	935,697,255 1,022,116,276 1,220,513,687 1,269,777,645 1,294,659,979 1,547,402,601 1,569,103,378 1,502,491,933 1,708,731,699 1,882,472,807	\$ 72,628,53 80,624,20 79,640,92 85,738,86 91,383,95 103,838,55 94,107,02 105,922,81	

CRUDE PETROLEUM PRODUCED IN IIS.

Table I .- PRODUCTION BY STATES, 1912 AND 1913.

		1912		zōz3			
State.	Barrels.	Total Value.	Average Price per Barrel.	Barrels.	Total Value.	Average Pric per Barrel.	
Alaska	(a) =	(a)		· (b)	- (6)		
California	(87,272,593	\$39,624,501	\$0.454	97,788,525	\$45,709,400	\$0.467	
Colorado	206,052	199,661	-973	188,799	174,779	.026	
Illinois	28,601,308	24,332,605	.851	23,893,899	30,971,910	1.296	
Indiana	970,009	885,975	-913	956,095	1,279,226	1.337	
Kansas	1,592,796	1,095,698		2,375,029	2,248,283	-947	
Kentucky	484,368	424,842	.877	524,568	675,748	1.288	
Louisiana	9,263,439	7,023,827	-758	12,498,828	12,255,931	.98z	
Michigan	(d)	(d)	***	(6) .	(6)		
New York		1,401,880		902,211	2,169,357	2.404	
Ohio	:08,969,007	£12,085,998		8,781,468	17,538,452	1.997	
Oklahoma	51,427,071	34,672,604		63,579,384	59,581,948	-937	
Pennsylvania	7,837,948	12,886,752	1.644	7,963,282	19,805,452	2.487	
Texas	11,735,057	8,852,713		15,009,478	14,675,593	.978	
West Virginia	12,128,962	19,937,721		11,567,299	28,828,614	2'492	
Wyoming	1,572,306	798,470	507	2,406,522	1,187,232	-493	
Other States		* - ***		J10,843	f19,263	1.777	
Total	222,935,044	164,213,247	*737	248,446,230	237,121,388	'954	

d Included in Obio.
s Includes Michigan.
f Includes Alaska, Michigan, Missouri, and New Moxico.

Table II .- WORLD'S PRODUCTION OF CRUDE PETROLEUM, 1910-for3. (Barrels of 42 gallons.)

				1913	
Country	, 1920 .	igti	2912	Barrels.	Per cent. of Total.
United States Canada Austria (Galicia) India Italy Japan Mexico Mexico Remais Funsia Cher Countries	209, SS6, 048 315, 895 12, 673, 688 1, 032, 522 6, 137, 990 1,930, 661 3,332, 807 11,030, 620 1,330, 105 9,722, 958 70,336, 574 30,000	220,449,391 291,096 10,519,270 1,017,045 6,451,203 74,709 1,658,903 14,051,643 121,179,949 1,368,274 21,107,450 66,183,691 200,000	222,935,044 243,336 8,535,174 1,031,050 7,116,672 53,778 1,671,405 16,558,215 10,848,624 1,751,143 12,976,23 68,019,208 474,000	248,446,230 226,080 7,818,130 995,764 7,500,000 50,334 1,942,009 25,696,201 11,966,857 1,857,355 23,554,768 60,935,482 517,616	65'12 '45 2'05 '27 1'98 '01 '51 6'74 3'14 49 3'53 15'97
Total	327,472,256	345,512,185	352,210,881	381,508,916	100'00

CONTROL TED PETROLEON TIESDS.—THE U.S. Docupies a predominant position in the petroleum industry, the second place being occupied by the Russfa, the third by Mexico, the fourth by the Netherlands East Indies, the fifth by Rumania. and, North-West Canada, Venezuela, Barbados,

No. or Amount, 1909.

20,672,052

6,615,046

8,530,261

MANUFACTURES OF THE UNITED STATES.

No. or Amount, 2004.

- Details.

arriages and Wagons...
anning and Preserving ...
rass and Bronze Products
fil, Cottonseed, and Cake
gricultural Implements
atent Medicines and Dru
onfectionery...
aint and Varnish
team Railroad Cars
memicals...

Number of Establishments		216,180		268.401
		6.213,613	1	7,678,578
Persons engaged		225,673		273,265
Proprietors and Members of Firms		519,556		790,257
Salaried Employees		5,468,383		6,615,046
Wage Earners (average number)		5,400,303		18,680,776
Primary Horse-power		13,487,707	0-0	18,000,770
Capital represented		\$12,675,581,000		£53,080,000
Expenses		13,138,260,000	20,4	65,613,000
Services		3,184,884,000	91	38,575,000
Salaries		574,439,000		427,028,000
Wages		2,610,445,000		
Materials		8,500,208,000		141,791,000
Other		1,453,168,000	Ψ,	945,676,000 572,052,000
Value of Manufactures produced		14,793,903,000		572,052,000 530,261,000
Value added by Manufacture		6,293,695,000	0,;	530,201,000
			-	1
	No. of Estab-	Average No.	Value of	Added by
Industries in Order of Values, 1909.	lishments.	of Wage Farmers.	Products.	Manufacture,
	LISTING-DAY.	Earners.	(000 omitted.)	(000 omitted.)
			\$.	\$
Slaughtering and Meat Packing	1,641	89,728	1,370,568	168,740
Foundry and Machine Shop Products		531,011	1,228,475	688,464
Lumber and Timber	40,671	695,019	1,156,120	648,011
Steel Works and Rolling Mills	446	240,076	985,723	328,822
Flour and Grist Mill Products	rr.6gr	39-453	883,584	116,008
Printing and Publishing	31,445	258,434	737,876	536,101
Cotton Goods	1,324	378.880	628,3QZ	257,383
Men's Clothing (including shirts)	6,354	239,696	568,077	270,562
Boots and Shoes	1,018	198,297	512,798	180,060
Woolens, Worsted, and Felt Goods	985	168.723	435,979	153,101
Tohacco	15,822	166.810	416,605	536,202
Cars (shop construction and repairs)	1,145	292,174	405,601	206,188
Cars (shop construction and repairs)	27,026	100,216	396,865	156,831
Bread and Bakery Products	23,920	38,429	301,420	70,791
Iron and Steel Blast Furnaces		153,743	384,752	175,964
Women's Clothing		153,743	378,806	45,274
Copper Smelting and Refining	38		374,730	278,134
Malt Liquors	1,414	54,579	327,874	
Leather, tanned, curried, etc.	919	62,202		79,595
Cane Sugar and Molasses		13,526	279,240	
Butter, Cheese, and Condensed Milk	8,479	18,431	274,558	39,012
Danen and Wood Duln		75,078		102,215

268,491

MANUFACTURES BY STATES AND CITIES, 1909.

	Order of the State		Order of the Cities.			
Order.	State.*	Value of Products.	Order.	City.	Value of Product	
		ş			\$	
I	New York (2)	3,369,490,000	x	New York, N.Y Chicago, IU. Philadelphia, Pa	2,029,693,000	
2	Pennsylvania (2)	2,626,742,000	2	Chicago, Ill.	746,076,000	
3	Illinois (3)	1,919,277,000	3 4	St. Louis, Mo.	328,495,000	
4 5 6	Massachusetts (1) Ohio (3)	1,437,036,000		Cleveland, Ohio	271,061,000	
6	New Jersey (2)	1,145,529,000	5	Detroit, Mich	252,992,000	
			7 8	Detroit, Mich	243,454,000	
7 8	Wisconsin (3) Indiana (3)	590,305,000				
9	Indiana (3)	579,075,000	9	Buffalo, N.Y. Milwaukee, Wis. Newark, N.J. Cincinnati, Ohio. Baltimore, Md. Minneanolis Minn.	218,804,000	
XO.	MISSOURI (4)		IO	Milwaukee, #18	208,324,000	
II	California (9)	529,761,000	11	Cincinnati Ohio	194,516,000	
12	Connecticut (1) Minnesota (4)	490,420,000	13	Baltimore, Md.	186,978,000	
14	Kangag (4)	385,104,000	14	Minneapolis, Minn	165,405,000	
15	Kansas (4)	315,669,000	15	Kansas City, Kansas	164,081,000	
16	Rhode Island (x)	280,344,000	16	San Francisco, Cal	T22.041.000	
17	Texas (7)	272,806,000	17	Jersey City, N.J.	128,775,000	
	Tows (4)	259,238,000	18			
19	Louisiana (7)	223,949,000	19	Providence, K.I.	120,241,000	
20	Kentucky (6)	223,754,000	20	Louisville Eu	112,676,000	
22	Washington (9) Virginia (5)	220,740,000	22	Providence, R.I. Rochester, N.Y. Louisville, Ky. South Omaha, Neb. Youngstown, Ohio.	92,436,000	
23	North Carolina (5)	219,794,000	23	Youngstown, Ohio	81,271,000	
74	Georgia (5)		24			
	Nebraska (4)	199,019,000	25	New Orleans La	78 704 000	
25 26	Tennessee (6)	180,217,000	26	Worcester, Mass Bayonne, N.J	77,148,000	
28	Maine (x)	176,029,000	27	Bayonne, N.J.	73,641,000	
	New Hampshire (x)	164,581,000		Akron, Ohio	73,158,000	
29	West Virginia (5)	161,949,000	29	Perth Amboy, N.J	73,093,000	
30	Alabama (6)	145,962,000	3z	Lynn, Mass	. 71,503,000 69,584,000	
34	South Carolina (5)	113,236,000	32	Los Angeles, Cal	. 68,586,000	
38 33 34 35 36 37 38	Oregon (a)	93,005,000	33	Bridgeport, Conn	. 65,600,000	
34	Oregon (9)	80,555,000	34	Fall River, Mass	. 64,146,000	
35	Arkansas (7)		35 36			
36	Montana (8)	73,272,000 72,890,000 68,310,000	36	Toledo, Ohio	. 61,230,000	
37	Florida (5)	72,890,000	37 38	Omaha, Neb		
38	Vermont (1) Utah (8)	60,310,000	30	Lowell Mars	60,378,000	
39 40	Oklahoma (a)	61,989,000 53,682,000	39	Vonkers V. V.	59,334,000	
4I	Oklahoma (7) Delaware (5)	52,840,000	41	St. Paul, Minn,	58,990,000	
42			42	Kansas City, Mo	54,704,000	
43	District of Columbia (5)	25 289,000	43	Lowell, Mass	53,238,000	
44 45 46	District of Columbia (5) Idaho (8) North Dakota (4) South Dakota (4)	22,400,000	44	Denver, Col	51,538,000	
45	North Dakota (4)	19,137,000	45 - 46	New Haven, Conn	51,135,000	
40	Nevada (8)	17,870,000 11,887,000 7,898,000		Scattle Wash	en efin non	
47 48	New Merico (8)	77,007,000	47 48	Waterbury, Conn Syracuse, N.Y Camden, N.J	50,350,000	
49	New Mexico (8)	6,249,000	49	Syracuse, N. F.	49,435,000	
73			- 50	Camden, N.J	49,138,000	
	Total	20,672,052,000	51	Columbus, Ohio	49,032,000	
	*Geographic Divisions :-		50 51 52	Columbus, Ohio Trenton, N.J. Johnstown, Pa. Richmond, Va.	40,009,000	
			53	Pichwood Va	. 48,106,000	
2	Middle Atlantic (2) East North Central (3)	7,141,761,000	54	Portland Ore	. 47,358,000 46,861,000	
	New England (z)		53 54 55 56	Portland, Ore	46,812,000	
3	New England (1)	* 802 800 000	E7	Brockton, Mass.	45,972,000	
5	South Atlantic (5)	1,381,186,000	57 58			
5	Pacific (9)	843,512,000	59	McKeesport, Pa	42,495,000	
7 8	East South Central (6)	630,488,000		Grand Rapids, Mich	. 42,231,000	
	West South Central (7)	625,443,000	6r	McKeesport, Pa	40,097,000	
9	Mountain (8)	363,006,000	Č1	Lorain, Onto	. 38,987,000	

ALPHABETICAL LIST OF INDUSTRIES (1909). nioved "includes Proprietors, Salaried Officials, Clerks, and Wage Earners.

Industry.	Persons Employed.	Value of Products.	Industry.	Persons Employed.	Value of Products.
		\$			\$
Agricultural Implements	60,229	146,329,000	Chocolate and Cacso		
Artificial Flowers and Plumes	11,583	23,081,000	Products	3,404	22,390,000
Artificial Stone	YE-203	18,596,000	cluding Cases and Ma-		
Artists' Materials	865	2,340,000	terials)	25,439	35,197,000
Automobiles	85,359	249,202,000	Cloth Sponging and Re-	2,167	
Awnings, Tents and Sails Axle Grease	5,747	14,499,000	finishing	1,107	4,135,000
Babbitt Metal and Solder	334 1.491	19,768,000	Men's (incl. Shirts)	271,437	568,077,000
Bags, other than Paper	1,491 8,838	54,882,000	Men's (Buttonholes)	1,031	781,000
Bags, Paper	3,683	15,698,000	Women's	179,021	384,752,000
Yeast	3,53x	20,775,000	ing and Grinding	12,516	210,533,000
Baskets and Rattan and	3133-		Coffins, Burial Cases and		
Willow-ware	5,419	5,695,000	Undertakers' Goods	11,448	24,525,000
Beet Sugar Belting and Hose:	8,389	48,122,000	Confectionery	31,126 54,854	95,697,000
Leather	4,370	23,692,000	Cooperage and Wooden	341-34	-34 /9-1-00
Woven and Rubber	- 7,304	24,729,000	Goods n.e.s	29,717	60,248,000
Bicycles, Motorcycles			Copper, Tin and Sheet Iron Products	89,634	199,824,000
and Parts Billiard Tables and Ma-	5,017	10,699,000	Cordage and Twine, Jute	09,034	199,024,000
	1,776	5,878,000	and Linen Goods	27,214	61,020,000
Blacking and Cleansing	-172-	3,-7-,	Cordials and Sirups	1,638	9,662,000
and Polishing Prepara-			Cork Cutting	3,376	5,940,007
Bluing	4,407	1,074,000	Corsets	19,611	33,257,000
Bone, Carbon and Lamp-	545	2,074,000	Smallwares)	387,771	628,392,000
black	. 302	1,093,000	Cutlery and Tools n.e.s.	308	1,849,000
Boots and Shoes (includ-			Cutlery and Tools n.e.s. Dairymen's, Poulterers'	37,162	53,266,000
ing cut stock and findings)	275 022	512,798,000	and Apiarists' Supplies	6,43x	15,463,000
	215,923 18,899 6,852	49,721,000	Dentists' Materials	1,98z	20,836,000
Boxes, Cigar	6,85z	8,491,000	Drug Grinding	1,152	6,007,000
Boxes, Fancy and Paper	43,568	54,450,000	Dyeing and Finishing Textiles	40.202	83,556,000
	45:44x	149,989,000	Dyestuffs and Extracts	47,303 3,015	15,955,000
Bread and Other Bakery	144,322	396,865,000	Electrical Machinery,		
Brick & Tile	85,764	92,775,000	Apparatus & Supplies	105,600	821,309,000
Brooms and Brushes Butter, Cheese and Con-	15,143	29,126,000	Electroplating Emery & Other Abrasive	3,558	4,510,000
densed Milk	31,506	274,558	Wheels	2,446	6,711,000
Butter, Reworking	418	8,200,000	Enameling & Japanning Engravers Materials	2,418	3,316,000
Buttons	18,004	22,708,000	Engravers' Materials Engraving and Die-sink-	x89	921,000
Calcium Lights	135 649	52,000 3,130,000		2,782	2,250,000
Canning and Preserving	71,972	157,101,000	Engraving, Wood	480	711,000
Card Cutting and De-	1-151-	-5,,,		7,058	40,140,000
carpets and Rugs (not	702	1,031,000	Fancy Articles n.e.s Fertilizers	21,950	22,632,000
Rag)	34,706	71,188,000	Files	4,521	5,601,000
Carpets, Rag	2,688	2,568,000	Firearms & Ammunition	16,042	34,112,000
Carpets, Rag Carriages and Sleds (Chil-			Fire Extinguishers,		
dren's)	5,769	8,805,000	Chemical	300 1,567	754,000 2,269,000
and Materials	82,944	159,893,000	Flags, Banners, Regalia, Badges, and Emblems	-1307	
	,517	-391-931	Badges, and Emblems	4,522	8,114,000
and Repairs:			Flavoring Extracts	2,634	8,828,000 467,000
By Steam R.R. Cos By Street R.R. Cos	301,273	405,601,000	Flavoring Extracts Flax and Hemp, Dressed Flour and Grist Mill	210	407,000
Cars for Steam R.R.	47,094	31,963,000	Products	66,054	883,584,000
Cars for Street R.R Cash Registers and Cal-	4,005	7,810,000		20.065	125,331,000
Cash Registers and Cal-			Foundry and Machine Shop Products	6 12-	tor
culating Machines	9,249	23,708	Foundry Supplies	615,485	2,298,00
Charcoal	731	63,205,000 872,000	Fuel Manufactures		311,00
Chemicals	27,791	117,689,000	Fur Goods	16,152	55,938,00
China Decorating	436	786,000	Furnishing Goods, Men's	43,935	87,710,00

Industry.	Persons Employed.	Value of Products.	Industry.	Persons Employed.	Value of Products.
		\$	Marble and Stone Work	77.275	\$ 113,093,000
Furniture and Refrigera-	144,140	239,886,000	Matches	4.220	11,353,000
tors	1,472	2,391,000	Matting	1,040	2,432,000
	1,680	7,338,000	Mattresses and Spring	1	
Gas & Electric Fixtures			Beds Millinery & Lace Goods	14,109 46,301	35,783,000
& Lamps & Reflectors	23,906	45,057,000	Millinery & Lace Goods Mineral and Soda Waters	22.060	43,508,000
Gas, Illuminating and	51,007	166,814,000		3,509	9,571,000
HeatingGlass	72,573	92,095,000	Mirrors		
Glass Cutting, Staining and Ornamenting	7-1373	1	naner)	56450	8,868,000
and Ornamenting	11,090	15,101,000	Moving Pictures	718	4,205,000
Gloves and Mittens,			Mucilage and Paste Musical Instruments	901	4,910,000
Leather	12,950	23,631,000	nes.	2,269	3.228,00
Glue	3,840	13,718,000	Musical Instruments-		
Gold & Silver Leaf & Foil	1,553	2,630,000	Pianos and Organs	41,882	89,750,00
Gold and Silver Refining	690	23,612,000	Needles, Pins and Hooks	1	6,694,00
Graphite and Refining	262	1,140,000	oakum	4,978	338,00
Grease and Tallow	5,504	23,419,000 1,688,000			995,00
Grindstones Haircloth	1,485	2,230,000		21.272	905,00
Wair Work	4,383	11.216.000	Essential	408	1,737,00
Hair Work Hammocks	325	578,000	" Essential	1,753	36,739,00 30,865,00
Hand Stamps and Sten-			n.e.s. Oilcloth and Linoleum	3,144	30,865,0
cils and Brands	2,539	3,673,000	Olicloth and Linoieum	5,557	23,339,00 8,148,00
Hat and Cap Materials	2,618	8,236,000	Oleomargarine Optical Goods	773	11.735.0
Hats and Caps n.e.s Hats, Fur and Felt	7,609	13,689,000	Paint and Varnish	21.806	11,735,00
Water Straw	9,704	21,424,000	Paint and Varnish Paper and Wood Pulp	81.473	267,657,0
Hats, Straw Hones and Whetstones Horseshoes	173	268.000	Paner Goods n.e.s	22,385	55,171,0
Horseshoes	. 360	1,015,000	Paper Patterns	1.755	2,611,0
Hosiery and Knit Goods	130,130	200,143,000	Patent Medicines and	41,101	141,042,0
Housefurnishing Goods	3		Compounds Paving Materials	1,731	6.229,0
n.e.s	5,916	18,509,000	Peanuts, Grading, etc Pencils, Lead Pens, Fountain and Stylographic and Gold	2,177	9:737:0
Tale Drinting	1,854	42,953,000 8,865,000	Pencils, Lead	4,513	7,379,0
Ink Writing	824	3,505,000	Pens, Fountain and		
Instruments, Profes		-75 07	Stylographic and Gold	1,820	4:739:9
Ink, Printing	6,175	10,504,000	Pens, Steel		577,0 236,998,0
iron and Steet-	, ,				230,990,0
Blast Furnaces Works & Rolling Mill:	. 43.061 8 260,76a	391,429,000		5.928	11,726,0
Bolts, Nuts, etc	12 205	985,723,000	: Photographic Apparatu	8 6,596	22,561,0
Doors and Shutters	. I.186	2.006.000	Photo-engraving	7,277	11,624,0
Forgings Pipes, Wrought Nails and Spikes	. 9.193	20,293,000 30,886,000	Pipes, Tobacco	3,090	5,312,0
Pipes, Wrought	7,309	30,886,000	Printing and Publishing	61,022	76,119,0
Nails and Spikes	3,239	8,192,000	Pulp Goods	388.466 882	1.770.0
Jewelry Jewelry and Instrumen	36,992	00,350,000	· Pumps (not Steam)	2,623	5.583.0
Cases	2,441	3,116,000	Pulp Goods		
Kaolin & Ground Earth	2,351	4,681,000	ing	- : I.777	22,371,0
Labels and Tars	2.880	4,670,000	Roofing Materials	3.530	19,204,0
Lapidary Work Lard, Refined (no	886	9,173,000	Rubber Goods n.e.s Rules, Ivory and Wood	31,284	128,436,4
Lard, Refined (no	t:	10,326,000	Safes and Vaults	4.060	8,491,
Packer)	515	4,150,000			11,328,
Lasts	1,044	9,145,000		. 779	4,358,0
Leather Goods	43,545	104,719,000	Saws	5-757	11,536,0 8,786,0
Leather, Tanned, Cur ried and Finished			Scales and Balances	. 4,275 1,863	3,014,
ried and Finished	67,100	327,874,000	Screws, Machine	3,758	5,014,0
Liquors, Distilled	25,659 8,328	17,952,000	Screws, Machine	20,556	28,262,
Molt.	66,725	374,730,000		44,949	73,360,
, Malt	2,726	13,121,000	Shoddy	2,320	7.446,
Locomotives (not b	7		Show Cases	3.943	
Locomotives (not b	16,945	31,582,000	Signs and Advertisin	g	1
			Noveltics	7,277 105,238	13,546,
ture Frames Lumber and Timber Pro	7,470	13,475,000	Silk and Silk Goods	18,774	42,229,
ducts	784.989	1,156,129,000	Sewing Machines Ship and Boat Building. Shoddy Show Cases Signs and Advertisin Novelties Silk and Silk Goods Silver and Plated-Warv Slaughtering and Mea	10,774	42,009,
			Packing		1,370,568,0

Manufactures of the U.S .- Wage Earners -- Turpentine and Rosin. 209

Industry	Persons Employed.	Value of Products.	Industry.	Persons Employed.	Value of Products.
Smelting and Refining:		\$	Upholstering Materials	4,777	\$ 13,054,000
Copper	16,832	378,806,000	Vault Lights and Venti-		
Lead	8,059	167,406,000	lators	453	957,000
Zine	7,156	34,206,000	Vinegar and Cider	3,973	8,448,000
Not from Ore	2,596	28,072,000	Wall Paper	4,746	14,449,000
Soap	18,393	111,358,000	Wall Plaster	5,624	12,804,000
Soda Water Apparatus	2,399	6,556,000	Washing Machines and		
Sporting and Athletic			Wringers	2,294	. 5,825,000
Goods	5,993	11,052,000	Waste	2,129	11,398,000
Springs, Steel (Car and			Wheelbarrows	775	1,625,000
Carriage)	3,573	9,005,000	Whips	1,946	3,949,000
Stationery Goods n.e.s	7,938	16,647,000	Windmills	2,742	6,677,000
Statuary and Art Goods	2,172	3,442,000	Window Shades and Fix-		-0
Steam Packing	4,968	12,160,000	tures	4,770	18,571,000
Stereo- and Electro-			Wire	19,945	84,486,000
Typing	3,661	6,384,000	Wirework (including		
Stoves and Furnaces			Rope and Cable)	14,994	41,938,000
(Gas and Oil)	42,921	78,853,000	Wood Distillation (not		
Sugar and Molasses (not			Turpentine and Rosin)	3,095	9,737,000
Beet)	16,658	279,249,000	Wood Carpet	221	490,000
Sulphuric & Nitrie Acids	2,582	• 9,884,000	" Preserving	2,875	14,099,000
Surgical Appliances		12,399,000	,, Turned and Carved	16,243	22,199,000
Tin Plate and Terneplate	5,846	47,970,000	Wool Pulling	759	5,181,000
Tin Foil	76z	3,419,000	,, Scouring	1,262	3,289,000
Tobacco Manufactures	197,637	416,695,000	Woolen, Worsted and		
Toys and Games	6,072	8,264,000	Felt Goods and Wool		
Turpentine and Rosin	44,524	25,295,000	Hats	175,176	435,979,000
Type-founding & Print-			Ali Other Industries	131	390,000
ing Materials	2,597	4,703,000	m. 4-3		
Typewriters & Supplies	12,1CI	19,719,000	Total	7,078,578	20,072,052,000
Umbrellas and Canes	6,505	15,864,000			

AVERAGE NUMBER OF WAGE EARNERS EMPLOYED IN MANUFACTURES.

	Number of	Average	Per Cent.	
Establishments Employing:	Establish- ments.	Number of Wage Earners	Establish- ments.	Wage earners.
No wage earners to swage earners fo no wage earners st to swage earners st to swage earners st to swage earners st to swage earners st to row wage earners out to spowage earners	136,289 57,198 23,544 10,964 8,116 2,905	311,704 640,793 764,408 782,298 1,258,639 1,006 457 837,473 1,013,274	10'3 50'8 21'3 8'8 4'1 3'0 1'1 0'5	4'7 9'7 11'6 11'8 19'0 15'2 12'7 25'3
Total	268.401	6.615,046	100.0	100.0

OWANTIFU AND VALUE OF THE DENTING AND POSTN DECONICED IN 1909 AND 1910

		Turpentine,				Rosin.			
STATE.	19	90g. zg:		190		/og. 1		tgro.	
	Gallons -	Dollars.	Gallons,	Dollars.	Rarrels of 200 lb.	Dollars.	Barrels of 280 lb.	Dollars,	
Alabama			2,351,000		310,000	1,214,000	309,000	9,714,00	
Georgia Louisiana and			6,980,000		904,000	3,372,000		4,637,00	
Texas	1,452,000	689,000	948,000	582,000	167,000	690,000	82,000	456,00	
	1,589,000	732,000	1,736,000	1,088,000	193,000		212 000	1,199,00	
North Carolina	781,000	370,000			83,000	304,000	54,000	263,00	
South Carolina	460,000	205,000	409,000	260,000	51,000	199,000	59,700	312,00	
Total	28,989,000	12,654,000	,27,736,000	17,680,000	3,264,000	12,577,000	3,404,000	18,255,00	

PERSONS ENGAGED IN MANUFACTURING (1909).

Class.	Male.	Female.	Total.
Proprietors and Firm Members Salaried Officers of Corporations Superintendents and Managers	263,673 78,937 130,304	9,592 1,798 2,869	273,265 80,735 133,173
Total Proprietors and Officials	472,914 437,056 5,252,293	14,259 139,303 1,362,753	487,173 576,359 6,615,046
Total all classes	6,162,263	1,516,315	7,678,578
Sixteen years of age and over	5,162,547 89,746	1,290,253 72,500	6,452,800

Industry, ' - '	Owners,*	Clerks.	Earners.	Total.
Agricultural Implements	2,489	7,189	50,551	60,229
Automobiles	2,564	7,074	75,721	85,359
	5.752	11,874	198,297	215,923
Brass and Bronze Products	2,160	2,663	40,618	45,441
Bread and Bakery Products	20,136	14,970	100,216	144,332
Butter, Cheese and Condensed Milk	10,480	2,595	18,431	31,506
Canning and Preserving	6,000	5,084	59,968	71,972
Carriages and Wagons	8.844	4,172	69,928	82,944
Cars (shep construction and repairs)	6.074	12,125	28z,174	301,273
Cars (steam railroad)	1,041	2,967	43,086	47,094
Cars (steam ramond)		2,001	23,714	27:791
Clothing, Men's	12,041	19,700	230,696	271,437
Clothing, Women's	9,281	15,997	153,743	179,021
Confectionery	3,362	6,854	44,638	54,854
Confectionery Copper, Tin, and Sheet Iron.	7,269	6,050	73,615	86,934
Cotton Goods	4,461	4.430	378,880	387,771
Electrical Machinery and Apparatus		14,223	87,256	105,600
Flour and Grist Mill Products	18,763	7,838	39,453	66,054
Flour and Grist Mill Products Foundry and Machine Shop Products	31,605	52,860	531,011	615,485
Foundry and Machine Shop Products	7,281	8,407	128,452	144,140
Furniture and Refrigerators. Gas (illuminating and heating)	2,986	10,826	37,215	51,007
, Gas (illuminating and neating)		3,547	120,275	136,130
Hosiery and Knit Goods	1,110	3,513	38,420	43.06x
Iron and Steel Blast Furnaces	4,286	16,400	240,076	260,762
Steel Works and Rolling Mills	4,200	4,400	34,907	43,525
Leather Goods	2,331	2,567	62,202	67,100
Leather, tanned, curried, etc.	1,111	787	6,430	8,328
Liquors, distilled	4,362	7,784	54,579	66,725
Liquors, Malt	68,165	21,805	695,019	784,989
Lumber and Timber.	8,453	3,210	65,603	77,275
Marble and Stone	2.167	2,035	17,071	21,273
Oil, Cottonseed, Cake	2,107	5,640	14,240	21.806
Paint and Varnish	2,208	3,197	75,978	81,473
Paper and Wood Pulp	5,647	12,550	22,805	41.IOI
Patent Medicines, etc.		2,040	11,020	16,640
Patroleum Refining		80,700	258,434	388,466
Printing and Publishing	2,236	3,965	99,037	105,238
Slik and Slik Goods	. 2,230		89,728	108,716
· Slaughtering and Meat Packing	3,514	35,474	15,628	16,833
		929	7,424	8,050
		503	13,586	15,658
		0.815	166.810	197,637
Tobacco Manufactures	. 31,018	3,262	168,722	175,176
			1,648,441	1.016,361
Ali other industries	. 117,932	149,988	*,040,441	1,910,301
		HARE DATE	6 Syx out	2.628.528

RAILROADS OF THE UNITED STATES.

Table I .-- SUMMARY OF MILEAGE, 1894-1914.

Year ended -		Miles of Line per 100 sq. mile			
30 June.	Official.	Unofficial.	Total.	Increase over previous year.	of territory.
					6'os
1894	176,602.61	2,105'94	178,708.55	2,247.48	6.08
1895	179,175'51	1,481.00	180,657.47	1,948.92	6.08
1896	181,153'77	1,622.86	182,776.63	2,119'16	6.12
1897	182,919.82	1,508.65	184,428.47	1,651.84	6.31
1898	185,370'77	1,025'55	186,396.31	1,967.85	6.38
1899	188,277'49	1,017.17	189,294.66	2,898.34	6.37
1900	192,940.67	405.11	193.345'78	4,051'12	6.2x
rgor	196,075.07	1,162'37	197,237 44	3,891 66	6'64
1902	sox,672°83	799.02	202,471.85	5,234'41	6.82
1903	207,186.84	790'38	207,977 22	5.505'37	7'00
1904	212,577.57	1.326'77	213,904'34	5,927 12	7.20
1905	217,017.68	1,083.36	218,101'04	4.196'70	7.34
1906	222,571 52	1,791.65	224,363.17	6,362'13	7'55
1907	227,670.85	2,280 34	220,051'10	5,588.03	7.74
1908	231,333.02	2,134.82	233,467.84	3:516.65	7.87
1909	234,799'40	2,069*13	a36,868°53	3,400.60	7.98
TOTO	238,600°28	1,829.56	240,438.84	3,604.77	8.08
IQII	244,179.64		244,179*64	3,740.80	8.21
TOTE	246,816-25	*	246.816.35	2,636.6x	8.30
1913	844,418.00		244,418.00	*2,398.85	8.33
1914	247,397.59		247,397.59	2,979 59	8:40

· Decrease,

SUMMA		

Year.	Total Capital.	Total Funded Debt.	Dividend-paying Capital.	Amount Paid in Dividends.	Average Rate per cent.
-	S	\$	S	\$ -	
IQUI	11,688,147,091	5,881,580,887	2,977,575,179	156,735,784	5'26
1902	12,134,182,964	6,109,981,669	3.337,644,681	185,391,655	5.22
1903	12,500,000,258	6,444,431,226	3,450,787,869	195,728,176	5.70
1904 I	13,213,124,679	6,873,225,350	3,643,427,319	221,941,049	6.00
1905	13,805,258,121	7,250,701,070	4,110,086,714	237,964,48z	5.48
1906	14,570,421,478	7,766,661,385	4,526,958,760	272,795,974	6.03
1907	16,082,146,683	8,725,284,992	4,948,756,203	308,088,627	6.53
Bogg	16,767,544,827	9.394.332,504	4,843,370,740	390,695,351	8.07
rgog	17,487,868,935	9,801,590,390	4.920.174.018	321,071,626	6.23
1010	18,417,132,238	10.303,474,858	5,412,578,457	405,771,416	7.50
HORE	19,208,935,081	10,738,217,470	5,730,250,326	460,195,376	8.03
RIOI	19,752,536,264	11,130,135,443	5,581,289,249	400,315,311	7*17
1913	19,796,125,712	11,185,514,385	5,774,587,583	368,606,327	6.38
TOTA	20 247 201 257	17 KOG EAT 522	E 661 1138 1192	451.762.107	7'07

Table III .- EMPLOYEES, LOCOMOTIVES, AND CARS

	Emp	loyees.	· 1	ocomotives		1		
Year.	Number.	Yearly Compensa- tion.	Passenger.	Freight.	Total.	Passenger.	Freight.	Total.
1903 1904 1905 1906 1907 1908 1909 1910	x,312,537 x,296,x2x x,382,x96 x,521,355 x,672,074 x,436,275 x,502,823 x,699,420 x,669,420	817,598,810 839,944,680 900,801,653 1,072,386,427 1,035,437,5a8 988,3a3,694 1,143,725,306	11,618 12,249 12,814 13,205 13,317 13,660	25,444 27,029 27,869 29,848 32,079 33,840 33,935 34,992 36,405	43,871 46,743 48,357 51,672 55,388 57,698 57,212 58,947 61,327	38,140 39,752 40,713 42,262 43,973 45,292 45,584 47,095 40,818	1,653,782 1,693,194 1,731,409 1,837,014 1,991,557 2,100,784 2,073,606 2,135,131 2,105,511	1,753,389 1,798 56x 1,842,871 1,958,912 2,126,594 2,244,357 2,218,280 2,290,331 2,359,335
1913	1,716,380 01,815,239 1,605,483	1,252,347,697		37,159 37,924 38,752	62,262 63,378 64,760	51,700 : 53,466	2,215,549 2,273,564 2,325,647	2,382,674 2,445,508 8,503,822

Year Employed good good good good good good good go			CCIDENTS	IN UN.	ITED STA	TES.	
ending 30 June. Killed.	loyees.		Passengers.		ers.	To	stal.
	Injured.	Killed.	Injured.	Killed,	Injured.	Killed.	Injured.
1905 3,361 1910 3,388 1911 3,163 1928 3,235 1913 3,301 1914 2,850	39,643 66,833 95,671 46,802 50,079 57,797	249 537 324 356 318 403 265	4,128 10,457 12,451 13,438 26,386 26,539 15,121	5,066 5,805 5,976 6,438 6,632 6,846 6,778	6,549 8,718 11,385 10,687 10,710 12,352 12,329	7,865 9,703 9,682 9,957 10,185 10,550 9,893	50,380 86,008 119,507 70,922 77,175 86,688 79,388

PUBLIC ROADS IN THE UNITED STATES.

1022						Expen	ditures.
		-:-	Percentage	Miles of			Cash road and
	Total	Total mileage of	of lords	road built	Automobile	Total	bridge expendi- tures of coun-
State.	mfleage of all roads,	surfaced	improved,	by State	revenues, 1913.	State.	ties, districts.
	rgré."	roads, 1914."	1914.	convict labor, 1913.		1913.	and townships,
	agas.			Indus, sys.			EGEN.
			-		S	\$.	S
						127,005	1,644,094
Alabama	49,639	5,491	II.I		183,000.00	274,631	200,000
Arizona	5,989	354	5-9	6	117,416.00	25,000	1,586,050
Arkansas	36,445	1.085	3.0		127,545.00	2,032,084	0,002,160
California		8,788	18.3		*75,000.00	473,246	1,469,690
Colorado	30,571	304	1.0	50	56,520.00		1,250,000
Connecticut		3,100	24-7		†316,666.76	3,483,575	339 480
	3,000	321	7-4	, I	†24,735.00		
Delaware	3,000	2,175	12.1				1,500,000
Florida	17,954	12,000	14.2	*400	*12,000.00		2,750,000
Georgia		511	2.8		†35,160.00	68,000	750,000
Idaho		9,000	9.6	2	507,134.78	100,000	6,500,000
'Illinois		26,831	42-3		118,245.00		8,877,553
Indiana	63,370	2,505	2.4		+787,411.08	53,000	7,500,000
Iowa			-4		+186,068,06	9,500	5,155,360
Kansas		374	18.3		52,000.00	15,000	11,933,000
Kentucky		10,636	2.3		30,000	111,000	2,147,063
Louisiana		567	ILQ		135,635.00	563,541	1,482,743
: Maine	25,528	3,044		- 10	144,930.25	1,580,253	1,000,000
Maryland		2,376	14.0		629,243.00	2,265,068	2,350,000
· Massachusetts	17,272	8,845	51.2	1	†190,328.75	355,757	5,725,000
Michigan	68,906	8,177	11.9		*40,000.00	503,186	3,000,000
Minnesota		6,206	7-3		40,000.00	3-3,	2,000,000
' Mississippi	44,072	345	.8		1173,510.50	408,702	4,650,516
Missouri	107,923	4,756	- 44	-	8,700.00	2,484	1,532,788
Montana		95	-4	45	\$26,000.00	52,428	2,278,188
Nebraska		249	13			112014-0	150,000
Nevada		62	-5		13,322.94	475,449	1,000,000
New Hampshire		1,876	12.4		141,151.64	1,131,891	3,629,773
New Jersey		4,500	30.3		636,543.07	121,631	300,000
New Mexico		705	4.2		†12,302.73	13,820,934	6,938,694
New York		23,000	27.5		11,275,727.27	5,000	2,333,042
North Carolina		3,449	7.0	***	*60,000.00		1,023,569
North Dakota		161	-3		35,010.03	738,174	7,350,000
Ohio		28,312	33.8		395,063.23		
Oklahoma		499	-7		*3,000.00	5,000	3,374,180
Oregon		4,941	13.7		43,476.08	5,008	3,254,665
Pennsylvania	87,387	3,476	4.0		1841,062.41	4,606,232	5,864,718
Rhode Island		1,246	. 58.8		123,851.00	715,664	281,775
South Carolina		4,888	17.3				1,000,000
South Dakota		286	.5		†89,170.00		1,250,000
			11.7		*9,000.00		2,000,000
Tennessee		4,896	4.0				7,269,592
Texas			20.7		*3,000.00	97,000	500,000
Utah	7,979		31.3		†111,459.81	505,000	676,039
Vermont			8.6	IQE	80,008.32	368,200	2,296,105
Virginia			10,0		†48,356.00		
Washington			1.7		140,000.00	3,500	1,042,353
West Virginia			18.2		1190,720.00	903,000	4,000,000
Wisconsin			4-3		17,920.00		365,886
Wyoming	10,569	410					
Total	2 228,041	220,210	10.2	698	7,797,440.7	137.437.27	137,483,985
10001	- London		erennes.	1 Also al	bout sss.000 days	statute labo	C.
* Registratio	m declared	inconstituti	onal May, 19	13. 1 F	or large bridges o	mly.	Year 1913.

PRINCIPAL RAILROADS OF NORTH AMERICA.

System.	Total Mile- age. o	Express Co.	General Offices.
Atchison, Topeka and Santa Fé Atlanta, Birmingham, and Atlantic	542		Topeka, Kansas.
Atlantic Coast Line	11,798	Southern	Wilmington, N.C. Baltimore, Md.
Bangor and Aroostook	631	American	
Buffalo, Rochester and Pittsburgh	586	American	Rochester, N.Y.
Banjor and arosacook Buffato, Rochester and Pittsburgh Canadian Northern Canadian Pacific Chesapeake and Ohio Chicago and Atton Chicago and Atton Chicago and E. Illinois Chicago and Northwestern	13,322	Dominion	Montreal, Que.
Chesapeake and Ohio	2,369	Adams	Richmond, Va.
Chicago and F. Illinois	1,033	Wells Fargo	Chicago, III.
Chicago, Burlington and Quincy	11,832	Adams	Chicago, Ill.
Chicago Great Western	622	Wells Fargo	Chicago, III.
Chicago, Indianapolis and Louisville Chicago, Milwaukee and St. Paul Chicago, Rock Island and Pacific	10.045	American Wells Fargo American	Chicago, Ili.
Colorado Midland	8,331	Wells Fargo	Chicago, Ill.
Delaware and Hudson	88:	National	Denver, Col. Albany, N.Y.
Delaware and Hudson	959	Adams	New York City.
Denver and Rio Grande	3,514		Denver, Col Detroit, Mich. Detroit, Mich.
Detroit, Toledo and Ironton	736	American	Detroit, Mich.
Duluth, South Shore and Atlantic	627	Western	Marquette, Mich,
Elgin, Joliet, and Eastern El Paso and South Western	777	Wells Fargo	Chicago, Ill.
Brie	2,398	Wells Fargo	New York City.
Florida East Coast Grand Trunk	4,787	Southern Canadian; National	St. Augustine, Fla.
+Grand Tennik Pacific		Canadian	Montreal, Que.
Great Northern	8,060	Great Northern	
Great Northern Hocking Valley Illinois Central	352	Adams	Columbus, Ohio. Chicago, Ill.
Intercolonial International and Great Northern	8,073 1,889	Canadian; Dominion	Moncton, N.B.
International and Great Northern	1,160	Wells Farge	Moncton, N.B. Houston, Tex. Kansas City, Mo. Philadelphia, Pa.
Kansas City Southern Lehigh Valley	827 2,444		Ransas City, MO.
Minneapolis and St. Louis	1,646	Adams	Minneapolis, Minn.
Minneapolis, St. Paul and Sault Ste Marie	4,103	Western	Minneapolis, Minn.
Missouri, Kansas and Texas.	3,865	American	St. Louis, Mo.
Missouri, Kansas and Texas	7.285	Wells Fargo	St. Louis, Mo. St. Louis, Mo.
New Orleans, Mobile and Chicago	13,076		Mobile, Ala.
New Orleans, Mobile and Chicago New York Central and Hudson River New York, New Haven and Hartford	6,393	Adams; American	Mebile, Ala. Albany, N. Y. New Haven, Ct. Norfolk, Va.
Noriolk Southern	900	Southern	Norfolk, Va.
Norfolk and Western	6,461	Southern	
Northwestern Pacific	401	Wells Fargo	San Francisco, Cal,
Pennsylvania	11,005	Adams : Dominion	Philadelphia, Pa.
Père Marquette Philadelphia and Reading St. Louis and San Francisco.	1,992	American	Philadelphia, Pa.
St. Louis and San Francisco	5,815	Wells Fargo ; Southern Wells Fargo	St. Louis, Mo. St. Louis, Mo.
St. Louis Southwestern	724	Wells Fargo	St. Louis, Mo.
San Pedro, Los Angeles and Salt Lake	1,138	American	Los Angeles, Cal.
		Southern	Portsmouth, Va.
Southern Southern Pacific Spokane, Portland and Seattle	9,479	Southern	Washington, D.C.
Spokane, Portland and Seattle	10,369	Wells Fargo Northern; GreatNorthern Wells Fargo National	Portland, Ore.
Texas and Pacific	1,901	Wells Fargo	Dallas, Tex.
Union Pacific	8.052		
Virginian	504	Adams	Norfolk, Va.
Wabash	3,032	Wells Fargo	Nt. Louis, Mo.

THE GREAT RIVERS OF AMERICA.

Outflow.	Source.	Length (Miles).	Outflow.	Source.	Length (Miles).
			- Atlantic.		
Gulf of Mexico. Appalachicola	Chattahoochee and	115	Androscoggin	Umbagog Lake, Me. Haw and Deep, N.C.	140 250
Chattahoochee	Flint, Ga. Alleghany Mts., Ga. Alleghany Mts., Ga.	430	Chowan	Mott and Meherin,	260
Flint	Alleghany Mts., Ga. Highlands, Tex	280 750	Connecticut	Connecticut Lake, Vt.	420
Colorado	Staked Plains, Tex.	700	Delaware	Catskill Mts., N.Y Yadkin, N.C.	380
MISSISSIPPI	Itasca Lake, Minn Rocky Mts, Col	2,960	Housatonic	Taghanic Mts., Mass.	160
White	Boston Mts., Ark	650	Hudson	Adirondack Mts.,	300
Des Moines	Lake Shelik, Minn Des Plaines, Wis	440	Mohawk	Oneida County, N. Y. Jackson and Pastur,	140
Kaskaskia Minnesota	Grand Prairie, Ill Sisseton, S. Dak	300	James	Va.	450
MISSOURI	Three Forks, Mont	3,100	Kennebec	Moosehead Lake, Me. White Mts., N. H	150
Grand Kansas	Tingley, Joira Smoky Hill River,	200 600	Merrimac Neuse	Tablelands, N.C	250
	Kan. Sweet Water and N.		Ocmulgee Penobscot	Alleghany Mts., Ga. East Seboeis Lake,	300
Nebraska	Fork, Wyo.	1,260		Me.	
Osage	Osage County, Kan. Yellowstone Lake,	460 1.000	Potomac	Alleghany Mts., Md. Dan & Staunton, Va.	400
Yellowstone .	W1/0.		St. John	Everglades, Pla Wateree and Con-	230 350
Он10	Alleghany and Mon- ongahela, Pa.	950	Santee	garee, N.C.	
Alleghany	Allegany County,	460	Savannah Susquehannah	Alleghany Mts., S.C. Otsego Lake, N.Y	335 600
Cumberland	Poor and Straight Forks, Ky.	560	Pacific.		
Green	Cumberland Mts. Ky.	520	Colorado	Green and Grand, Utah	1,360
Kanawha	Greenbrier and New,	400	Gila	Sierra Madre, N. Mex.	650
Kentucky	Cumberland Mts, Ky.	300	Columbia	Lewis and Clark,	750
Monongahela Scioto	Rich Mts, W. Va Tablelands, Ohio	300	Lewis's Fork	Rocky Mts., Ore	750
Tennessee	Alleghany Mts, N.C. Tablelands, Ohio	1,200	Willamette Sacramento	Cascade, Ore Sierra Madre, Cal	450
Red	Staked Plains, Tex	1,600	San Joaquin	Sierra Neyada, Cal	350
Washita	Potean Hills, Ark Keshkonong Take,	450	Behring Sea.		
	Wis.		Yukon	Alaska	2,000
St. Croix	Ontonagon Ridge,		Lake Huron.	Water to Water	
St. Francis	Highlands, Mo Ontonagon Ridge,	460	Saginaw	Highlands, Mich	IIO
Wisconsin	Wis.		Lake Michigan.	Highlands, Mich	280
Yazoo	Coldwater and Talla- hatchee, Miss.	500	Grand Kalamazoo	Highlands, Mich Brule and Mequacu-	200
Mobile	Tombigbee and Ala- bama, Ala.	50	Menominee ,	mecum, Wis.	
Alabama	Coosa & Talapoosa,	175	Neenah	Highlands, Mich Highlands, Ind	180 260
Coosa	Oostenaula and Eto-	280	Lake Ontario.		1
. Talapoosa	wah, Ga. Alleghany Mts, Ga.	200	Black	Adirondack Mts, N. I	'. 130
Tombigbee	Alleghany Mts, Miss.	480	Genesee	Allegany County,	150
Black Warrion	berry, Ala.		T. D. Wine		
Rio Grande		. 1,800	Lake Winnipeg, Red of the North	Pine Lake, Minn	. 700
Trinity				1	

NIAGARA FAMS are on the river of that name, which connects Lake Eric with Lake Ontario. They are the greatest in the world for volume of water. The American Fall is a sheer descent of 167 Hz, and is 166 ft. wide. The Horse Shoe Fall has Adepth of 158 Hz, and falls over a great curve of rock measuring 300 ft. The Whirlpool is just below the Falls.

Steamers figures are gross tons; sailing vessels net tons.

MERCHANT VESSELS (SAIL AND STEAM) BELONGING TO THE UNITED STATES, THE UNITED KNOBOM, FRANCE, AND GERMANY, RESPECTIVELY, IN EACH OF THE YEARS \$640, 1850, 1850, 1870, 1880, 1865, 1865, 189

	Descrip-	- United	STATES	UNITED	Кімевом.	Fr	ANCE.	Gxn	MANY.
Year.	tion,	No.	Net Tonnage.	No.	Net Tonnage.	No.	Net Tounage.	No.	Net Tonnage.
1840	Sail Steam		895,610 4,155	21,883 771	2,680,334 87,928	15,511 89	652,965 9-535	:::	
	Total		899,765	22,654	2,768,262	15,600	662,500	2,025	249,111
1850	Sail Steam		1,540,769 44,942	24.797 1,187	3,396,659 168,474	14,228	674,205 13,925	:::	:::
	Total		1,585,711	25,984	3,565,133	14,354	688,130	2,742	310,752
1860	Sail Steam		2,448,941 97,296	25,663 2,000	4,204,360 454,327	14,608 314	928,099 68,025	:::	
	Total		2,546,237	27,663	4,658,687	14,983	996,124	3,550	825,379
1870	Sail Steam		1,324,256 192,544	23,187 3,178	4,577,855 1,112,934	14.929 457	920,826 151,415	4,372	900,361 81,994
	Total		1,516,800	26,365	5,690,789	15,386	1,072,241	4,519	982,355
1880	Steam		1,206,206 146,604	19,938 5,247	3,851,045 2,723,468	14,406 652	641,539 277:759	4,246 414	965,767 215,758
	Total		1,352,810	25,185	6,574,513	15,058	919,298	4,660	1,181,525
1885	Sail Steam	1,937	1,101,593 186,406	17,018 6,644	3,456,562 3,973,483	14,329	507,819 492,396	3,471 664	861,844 420,605
	Total	2,119	1,287,999	23,66z	7,430,045	15,266	. 1,000,215	4,135	1,282,449
1890	Sail Steam		827,124 194,471	14,181 7,410	3,055,136 8,095,370	14,128 1,066	440,051 492,684	2,757 896	709,761 723,652
	Total		1,021,595	21,591	11,150,506	15,194	932,735	3,653	1,433,413
1895	Sail Steam	2,594 626	1,244,081 920,672	4,216 7,320	3,004,638	593 571	191,647 903,105	777 953	543,455 1,343,357
	Total	3,220	3,164,753	11,536	13,242,639	1,164	1,094,752	1,730	1,886,812
1900	Satl Steam		1,295,305 1,454,966	2,908 7,930	2,112,164	552 662	298,369 1,052,193	501	490,114 2,159,919
	Total	3,135	2,750,271	10,838	14,261,254	1,214	z,350,56z	1,710	2,650,033
1905	Sail Steam	2,132	1,437,785 2,558,694	2,335 9,029	1,600,182 15,409,538	733 764	467,065 1,260,973	440 1,556	471,096 3,093,703
	Total	3,457	3,996,479	11,365	17,009,720	1,497	1,728,038	1,996	3.564,798
1910	Sail		1,231,664 3,827,014	1,658 9,837	953,257 18,059,037	590 875	434,108 1,448,172	356 1,822	373,868 3,959,318
	Total	3,469	5,058,678	11,495	19,012,294	1,465	1,882,280	2,178	4,333,186
ę 1915	Sail Steam		1,037,891 4,854,748	1,135	443,150 20,830,918	523 1,016	376,119 1,909,609	269 1,897	286,8(o 4,419,167
	[Total	3,249	5,898,639	12,353	21,274,068	1,539	3,285,728	2,166	4,706,027

THE MERCANTILE FLEETS OF THE WORLD.

The figures in the tables are given as upon 30 June, 1915."

LARGEST STEAMSHIP OWNERS IN THE WORLD.

1				Total	Over	Knors,
	Luxes -	Head Office,	Total.	Tonnage.	knots	20 19 18 17 16 15 14 13 12
	Adelaide S.S. Co., Ltd	Adelaide	33	84,000		4 1 4
			33 18	164,000	2	2 1 4 3 3
			25	170,000		3 2 1 1 2 6
	Anchor Line (Henderson Bros.)	Glasgow	16	115,000		3 2 1 1 2 0
	Anchor Line (Henderson Bros.) Anglo-American Oil Co., Ltd.	London	20	85,000		
			41	148,000 88,000		
	Asiatic Steam Nav. Co., Ltd	Liverpool	15	123,000		4 1 2 3
	Atlantic Transport Co., Ltd	Longon	30	111.000		4 ··· 1 3 3
	Booth S.S. Co., Ltd.	Tiverpool	20	128,000		2
	Bowring, C. T. & Co., Ltd British India Steam N. Co., Ltd.	Fondon	149	670,000		7 2 9 8 15 29 25
			26	114,000		7 2 9 8 15 29 25
				170,000		x x 3 4 4 4
			58	240,000	. 5	2 3 x 6 4 2 7 4 9 3 26
				253,000		
				175,000		
				185,000		2 9 10
	Commonwealth & Dominion Line		24 II	100,000		3 1
	Cie Nav. Sud Atlantique	Paris	82	348,000		1 1 3 8 3 4 6 3 12
	Cie Générale Transatlantique Compania Trasatlantica	Cadir	22	101,000		3 I 3 4 III 3 8 3 4 6 3 12 I 2 I 6 9 2
				310,000	2	
				223,000		
				142,000		
				97,000		
				144,000		
				419,000		51112
				97,000		7, 0,0
	Ellerman & Bucknall S.S. Co	London	30	141,000		7 6 6 22 3 3 17 20
	Ellerman Lines, Ltd	Athena	93	80,000		
	Embiricos Bros	London	13	84,000		1 5 2 4 6 8 1 6 3 4 6 8 2 3
	Federal Steam Nav. Co., Ltd	Conenhagen	125	170,000		1 6 3 4 6 8
	Forenede Dampskibs Selskab Furness, Withy & Co., Ltd Grahams & Co	Liverpool	1 107	393,000		1 2 3
	Grahams & Co.	London	23	121,000		
				104,000		
				140,000		1 2 1 5 6 5 17 55 1 4 6 5
				1,135.000	2	z 2 x 2 0 0 2 x 20
	Hamburg South American	Hamburg	62	316,000		1 4 0 5
	Hanna, M. A. & Co.	Promon	49	220,000		
	"Hansa" Deutsche D. G Harrison, T. & J	Liverpool	55	282,000		2 27 14
	Holt, A. & Co.		73	484,000		23 28 8
				186,000		1 2 2
	Transfor P P & Co	Liverpool	. 20	82,000		
				94,000		3 2
				91,000		2 I 2
				85,000		
				185,000		
				232,000		2 4 3 17
	Lamport & Holt, Ltd	Liverpool	. 42 . 51	411,000		7 8 29
	Lamport & Holt, Ltd. Leyland, F. & Co. Ltd. Lloyd Austriaco. Lloyd Brazileiro. Maclay & McIntyre	Trieste	63	235,000		2 4 2 17 7 8 29 2 2 4 3 8 21 12
	Lloyd Austriaco	Rio de Janeiro	. 53	93,000		
	Maolay & McInture	Glasgow	43	157,000		
	Messageries Maritimes	Paris	. 64	322,000		
	Messageries Maritimes Mitchell, J. Nav. Générale Italiana	Cleveland, Ohio	. 17	88,00	0	
	Nav. Générale Italiana	Genoa	16	120,000		
				239,000		x 4 4 25
				221,00		х х х з 2 з
				140,00		5 8 3
	New Zealand Shipping Co., Ltd	. London	10	140,00		

LARGEST STEAMSHIP OWNERS IN THE WORLD.

				Over			Ж	POT	э.			
Lines.	Head Office.	Total.	Total Tonnage.	knots	20 1	9; 18	17	16;	15	14	13	12
	T 11			-			2		2		-	-
Nippon Yusen K.K	Tokio	. 97	448,000	,000								
Norddeutscher Lloyd		138	721,000	3								
Oceanic Steam Nav. Co., Ltd	Tivelboor		434,000	I		1 2	5	3	Ľ		12	3
Orient Steam Nav. Co., Ltd	London	9	98,000									
Osaka Mercantile Co., Ltd	Usaka	II3	207,000	***								9
Ostasiatiske Kompagni	Copennagen/	37	101,000	***								
Pacific Mail S.S. Co	San Francisco	18	86,000									Ι.
Pacific Steam Nav. Co	Liverpool	40	210,000				₩.		3	K	3	5
P. & O. Steam Nav. Co	London	75	509,000	3								
Pickands, Mather & Co	Cleveland, Ohio	37	187,000	***								
Pittsburgh S.S. Co	Cleveland, Ohio	93	455,000									***
Prince Line, Ltd	Newcastle-on-Tyne	42	167,000									
Radcliffe (Evan Thomas) & Co.	Cardiff	25	106,000									
Roland Linie	Bremen	15	84,000									
Ropner, R. & Co		34	107,000									
Royal Mail Steam Packet Co	London	62	217,000								7	. 6
Runeiman, Walter & Co	Newcastle-on-Tyne	37	132,000									
Russian Steam Nav. & Trading Co.		70	146,000							7	8	4
Russian Volunteer Fleet Assn		35	130,000									7
Ruys, Wm. & Sons	Rotterdam	38	105,000				霝	噩	E	珥	5	7
Shaw, Savill, & Albion Co., Ltd.	London	II	82,000					盡		2	6	3
Smith, W. J	London	25	125.000									
Soc. Italiana Servizi Marittimi	Rome	28	80,000					匾	2	6	12	6
Soc. Marittima Italiana	Genos	38	06.000						1	2	2	6
Soc. Gen. Transports Maritimes	Marseilles	23	82,000					٥		4	6	
Sotā y Aznar	Bilbao	37 -	88,000									
Southern Pacific Company	New York	23	100,000						15	2	12	3
Standard Off Co. (New Jersey)	New York	24	125,000									
Tatem, W. J., Ltd	Cardiff	IQ	85,000				霝					
Tomlinson, G. A	Duluth, Minn	25	124,000						3.			
Union Castle Mail S.S. Co., Ltd.	London	43	310,000				=	٥	12	3	6	II
Union S.S. Co. of N. Zealand,	Dunedin, N.Z.	79	244,000			2	12	3	6	7	8	12
Unione Austriaca	Trieste	38	152.000			I	8			12	8	4
Watts, Watts, & Co., Ltd	London	21	80,000									
Weir, Andrew & Co	London	. 36	120,000							1	3	TO
Westoll, James	Sunderland	35	00,000									
Wilhelmsen, Wilh	Tönsberg	34	140,000									
Wilson, T., Sons & Co	Hull	84	206,000				×			2	2	16
Woermann Linie	Hamburg	27	93,000									4
			93,									

OCEAN STEAMERS, 16 KNOTS AND OVER. Number belonging to each Country.

Country.	20 knots & above.	19 knots.	18½ kts.	18 knots.	172 Rts.	17 knots.	16 knote.	Total.
United States			3.	6	2	9	16	43
DeumarkFrance			3			3.	3	27
Great Britain	5 12	6	16	20	20	20	. 4 5a	16 146*
Holland		* ***	I	 I	3	- 1	. 3.	6
Japan	3	3		***		8 .	3	8
Peru				τ				2
Spain			=	I I	2		2.0	
Dicaca in	. 37	13	33	36	31	37	212	287

* P. A.O. 32. B. India and Camadian Pacific Ry., a each. White Sar and Union Caste, as each, Grient and Royal Mail Section Pacific to, a each; Using S.S. O. of N.Z., ; Chanad, S. Alhan and Anchory, cosch; Addeblik S.S. Oo. and Atjantic Transport Co., a cach; Canadian Northern S.S. Co., Grand Trunk Pacific levelopment and Mellowith McLachara, Co., 2 each; Australian S.S. Co., Intermedia Atlantic S.S. Co., International Nav. Co.

N.B.-There were on 30 June, 1915, about 3.091 steamers in the world capable of a sea-speed of at least 12 knot

SHIPBUILDING IN THE UNITED STATES.

The following table shows the class, number, and tonnage of the documented vessels built in the United States during the last four years reported:—

Class.	19:	tt.	. 19	12.	19:	3.	1914.		
Cines.	Number.	Tons.	Number.	Tons.	Number.	Tons.	Number.	Tons.	
Sailing vessels Steam vessels Canal boats Barges	82 969 52 319	10,092 227,231 6,196 47,643	95 1,051 27 332	21,221 153,493 2,978 54,977	73 1,003 39 359	29,085 243,415 4,641 69,021	51 778 25 297	13,749 224,225 2,558 75,718	
Total	1,422	291,162	1,505	232,669	1,474	346,162	1,151	316,250	

NUMBER OF VESSELS OVER 5.000 TONS EACH, AND PARTICULARS OF LARGEST VESSEL BELONGING TO EACH COUNTRY.

Country.	No.	Ship's Name.	Gross Tons	Speed.	Owners.
United States	313	Minnesota	20,718	13	Gt. Northern Steamship Co.
Austria	39	Kaiser Franz Josef		19	Unione Austriaca di Nav.
Belgium	5	Samland	9,748	74	Red Star Line.
Chile	1	Rancagua	6,210		Chilian Government. thagen.
Denmark	9	Frederik VIII.		17	Forenede Dampskibs, Copen-
France	121	France		24	Com. Gén. Transatlantique.
Germany	272	Bismarck *		N.R.	Hamburg-Amerikan.
Great Britain		Britannie b	47.500	N.R.	White Star Line.
Greece		Vasilefs Constantinos			Embiricos Bros.
Holland		Statendam		18	Holland-American Line.
Italy		Duilio		N.E.	Nav. Gen. Italiana.
Japan		Tenyc Maru	X3,450	20	Toyo Kisen K.K.
Norway	27	Kristianiafjord	10,660	*	Den Norske Amerikalinie.
Portugal	2	Mocambique	5.771	14	Empreza Nacl. de Nav. à Vapor.
Russia	23	Russia	8,330	15	Russian E. Asiatic S.S. Co.
Spain	12	Infanta Isabel de Borbon	10.348	171/2	Compania Trasatlantica.
Sweden	9	Norrbotten	8,orr	*	P. A. Welin.
Turkey	3	Gul-Djémal	5,071	. *	Ottoman S.S. Co.
Total		n. 912×100×57.	b, 852×	94×59.	* Under 12 knots.

TARGED PATTING OUTD OWNERS IN OUT WORLD

Owners.	Ships.	Tonnage Gross tons.	Belonging to	Name of Largest Ship.	Ton-	Remarks.
Soc. Nouvelle d'Armement A. D. Bordes & Son	25 27 16 14 15 11 12 20 13	105,000 50,000 45:000 37,000 36,000 31,000 24,000 22,000	Dunkirk Portland, Maine San Francisco Hamburg Hamburg Hamburg Brennen Bath, Maine Boston, Mass. Bath, Maine	Ville de Mulhouse Helene Edwd. B. Winslow Star of Lapland Orotava Potosi Jersbek Adolf Vinnen Wyoming Governor Powers Dorothy B. Barrett Inverlogie	3,456 3,424 3,381 3,014 4,026 2,871 3,410 3,730 1,962 2,088	Own 7 Steamers Own 3 Steamers Owns 1 Steamer

YACHTS. IN LLOYD'S REGISTER OF YACHTS, 30 JUNE, 1915.

						, , ,			
	Not less	and not less than		and not	and not	and not	and not		Total.
Steam Motor Sail	I	87 2 2	190 33 36	154 64 66	141 100 153	86 156 214	82 227 335	101 620 893	878 1,203 1,700
	39	91	259	284	394	455	644	1,614	3,78z

LARGEST STEAMERS FITTED WITH REFRIGERATING APPLIANCES.

Built			Speed.	Insulated Cargo Chambers. No. Capacity, cubic ft.			
1915 1915 1911 1912 1913 1913	Armagh Northumberland El Uruguayo La Rosarina El Paraguayo La Nogra Hurunui	9,220 9,000 8,361 8,332 8,508 8,312 10,644	15 15 15 15 15 15	12 12 33 35 35 33 35 7	437,0001 437,000 400,000 400,000 399,613 395,400 390,000	Union SS. Co. of N. Zealand. Federal Steam Nav. Co., Ltd. Brit, & Ar'tine S. Nav. Co., Ltd. Houlder Line, Ltd. Brit. & Ar'tine S. Nav. Co., Ltd. New Zealand S. Co., Ltd.	

N.R.—There were on go June, eqs. 56 vessels filled with refrigerating appuratus; of these affects had insulated chambers, with a capacity of not less than 80,000 cubic ft, and qs ind each not less than 20,000 cubic ft, and qs had such not less than 20,000. Each not less than 20,000. First plant per some cubic ft, and qs had such not less than 20,000. First plant per some cubic ft, gain a few per some cubic ft, and qs had such not less than 20,000. First plant per some cubic ft, gain a few per some cubic ft, gain the second cubic first plant per some cubic ft.

LARGEST STEAMERS FIFTED FOR LIQUID FUEL.

Tenyo Maru, 13,465 tons; Chiyo Maru, 13,431 tons (Toyo Kisea K.K.); Niagara, 13,415 tons (Union S.S.C. of N.Z.); 'San Melito, 15,450 tons; 'San Hillario, 15,435 tons; Standard, 15,073 tons (Standard Oil Co., New Jersey); 'San Jeromion, 15,555 tons (Eagle Oil Transport Co., Lid.); "Matsonia, 9,725 tons (Matson Nav. Co.); San Nazario, 15,654 tons; San Onofre, 9,737 tons; San Patricio, 9,712 tons; *San Lorenzo, 9,607 tons; *San Gregorio, 9,594 tons; San Fraterno, 9,587 tons (Ragle Oil Transport Co., Ltd.). Those marked * are fitted for the carriage of petroleum in bulk. transport of the factor of the

Carriage of Petrolsum in Bulk.—36 steamers and 55 sailing ships were engaged in carrying petroleum in bulk; the largest of these not fitted for liquid fuel were the Jupiter, 19973 tons; and Wilhelm A. Riedemann, 380 tons (Dentich American Petroleum Co.); John B. Rockfeller, 8, 2008; John D. Archbold, 6,374 tons; and Muskogee, 7,325 tons (Standard Oil Co. of New Jorsey).

FASTEST OCEAN-GOING STEAMERS IN THE WORLD, NOT UNDER 20 KNOTS.

In order of Speed.—Mauretanis, Aquitanis, France, Vaterland, Imperator, Kaiser Wilhelm II., Kemprias Wilhelm, Kromprinzesin Cecilie, Campanis, Oympic, Princess Marquet, La Provency, Empress of Russis, Rate Camin, Lottellit, Massin, Charles Roux, Chris Marq., Chris Marq., Chris Marq., Chris Marq., Chris Marq., City of Detroit III, Massachusetts, New York, Old Colony, Philadelphia, St. Louis, and S. Paul.

LARGEST STEAMERS IN THE WORLD.

In ardar of Sizt.—Bismarck, Valeriand, Imperator, Britannic, Olympic, Aquitania, Columbus, Statandam, Manrelania, George Washington, Kaiserin Auguste Victoria, Adriatic, Rotterdam, Baltic, Franco, Amerika, Duillo, Gedric, Cellic, Mimessia, William Ossadi, Krouprinzassin, Baltic, Franco, Amerika, Duillo, Gedric, Cellic, Mimessia, William Ossadi, Krouprinzassin, Ceellic, Caronia, Caromaia, Cap Polonio, Kaiser Wilhelm II., 117943, Layland, Abatian, Germic, Persident Lincoln, Franconia, Laconia, President Lincoln, Franconia, Laconia, President Lincoln, Franconia, Laconia, President Lincoln, Franconia, Laconia, President Lincoln, Franconia, Rasmaria, Almanzora, Zeppelin, Arlanza, and Massilia, all Lute, Universali, Andele, Orduna, Afeantara, Almanzora, Zeppelin, Arlanza, and Massilia, all

SUEZ CANAL TRAFFIC IN 1914-

TOTAL TONNAGE (19,409,405 NET TONS) ACCORDING TO COUNTRIES.

S I	No. of pass- ages made.	Tonnage (net tons).		No. of pass- ages made.	Tonnage (net tons).
United States Austria-Hungary Denmark France Germany Great Britain Greece Hollaud	States 176	2,552 631,730 163,832 799,624 2,118,946 12,910,278 138,422 1,389,390 369,230	### 136 ### 2 ####	64 41 25 3 71 2 26 35	354,367 96,647 93,289 2,491 200,423 5,050 71,558 132,027

Passenger Truffic.—Number of passengers in 1944, 991,772 (Civillans, 155,183; Milliary, 228,780 Pligrims, Emigrants, &c., 7,869. The revenue from passengers for 1944 was 3,734,695 francs.

N.B.—194,699,600 het kons = 26,833,48 gross tons. The 4,820 sexols comprised the following: Vessels loaded; 3,934; in ballast, 285; medic-f-war, 106; government, transports, 500

	ECHALD, MAN	
Line.	Funnei.	Flag.
Aberdeen	Yellow	Red and blue horizontal stripes; white star in centre.
Allan	Red; with white band and black top	
American	Black; with white band	Red, white and blue horizontal stripes, with red pennant above. White, with blue eagle. White burgee, with red anchor. Red, white and blue horizontal stripes,
Atlantie Transport	Red; with black top	
Austrian-Lloyd	Black Pink ; black top	Blue square, anchor in centre. Red.
Booth	Black	White; red diagonal cross, B in centre. Blue burgee; white cross.
British & African British India	Black; with white and black strines	White burgee; with red diagonal.
Bucknail Canadian Pacific Ry	Black; three white dlamonds Buff; black top Buff; white band with red	Blue; BSL in three white diamonds. Three red and three white squares. White flag with five red stars.
Chargeurs Réunis	stars	White red ball r name of Co. in red.
Cie. Gén. Trans'que Cunard City	Red; with black top Red; black top Buff; black top	Red; in centre lion holding globe. Red, initials SS and blue pennant, initials
Dominion	Red; white stripe, black top	
Elder Dempster	Black	White burgee; red St. George's Cross,
Elders & Fyffes Ellerman	Buff; black top. Buff; black top, white band Black Black	crown in centre. Blue; E & F in white diamond in centre. Blue pennant; J R E in white. Blue; F in white. White; 1814 under globe in centre, initials
Gen. Steam Nav. Co	Black	White; 1824 under globe in centre, initials in corner.
Hamburg-Amerika	Buff	Square divided diagonally into blue and white quarters, shield covering anchor in centre.
Houlder	Black; white Maltese Cross on red band	Red; white Maltese Cross.
Imperial D. W. India	Yellow	White burges; red St. George's Cross, crown in centre.
Lamport & Holt		black) between two red stripes.
Leyland Messageries Maritimes	Pink; black tops	Red. White; red at corner; letters M.M. White; blue cross in centre, red diamond
Nederland	Buff; white between two	(white N). White longitudinal stripe (N A S M) be-
New Zealand S. Co	green bands Buff	tween two green ones.
		above.
Nippon Yusen K Norddeutscher - Lloyd	Black Buff	White; crossed key and anchor under wreath in blue.
Orient S. N. Co Pacific Steam Nav. Co.	Cream	White; blue cross, crown in centre. White; blue St. George's Cross, crown in centre.
P. & O	Black	Square divided into diagonal quarters; white, red, blue and yellow.
Prince	Black; red band, white crow. Black; white band	n Red burgee; white crown in centre. White burgee; one red star.
Rotterdam-Lloyd		Wide white cross on red ground; blue square (R L white) in centre.
R. Mail S. P. Co Scandinavian-American	Buff	Blue; white Maltese Cross.
Shaw, Savill & Albion	Buff; black top	blue with white stars and red cross.
Union-Castle		Blue; red diagonal cross super-maposed white cross.
White Star	. Buff; black top	Red burgee ; five-pointed star.

WORLD'S TONNAGE .- 30 June, 1914, and 30 June, 191

Year.	Steamers.	Gross Tons.	Sail.	Net Tons.	Total Vessels.	Total Tons.
1914	24:444 24:508	45,403,877 45,729,208	6,392 6,212	3,685,675 3,532,561	30,836 30,720	49,089,552 49,261,769
	+ 64	+3#5,33#	-180	-153,114	-116	+172,217

UNITED KINGDOM AND COLONIES .- 30 June, 1914, and 30 June, 1915.

Year.	Steamers.	Gross Tons.	Sail.	Net Tons.	"Total Vessels.	Total Tons.
1914	10,133	20,523,706 20,830,918	1,205 1,135	521,343 443,150	11,328	21,045,049 21,274,868
	+95	+307,212	-70	-78,193	+25	+ 229,019

Year.	Steamers.	Gross Tons	Sail.	Net Tons.	Total Vessels.	Total Tons.
1914		5,134,720 4,419,167	ag8 a69	324,576 286,860	2,388 2,166	5,459,296 4,706,027
	-102	-216.662	-20	-37,716	-222	-753,260

30 June, 2924

-	Vessels.	Tons.	· Vessels.	Tons.
United States United Kingdom and Colonies Germany Norwegiau French	3,174 11,328 2,388 2,191 1,576	5,368,194 21,045,049 5,459,296 2,504,722 2,319,438	3,249 11,353 2,166 2,174 1,539	5,892,639 21,274,068 4,706,027 2,529,188 2,285,728
Japanese Italian Netherlands Swedish Austro-Hungarian	1,103 1,160 806 1,466 445	1,708,386 1,668,296 1,496,455 1,118,086 1,055,719	1,155 1,177 809 1,462 433	1,826,068 1,736,545 1,522,547 1,122,883 1,018,210
Austro-Hungarian Russian Spanish Greek	1,234 647 485	2,053,719 2,053,818 898,823 836,868	1,256 642 510	1,054,762 899,204 908,725

STEAMSHIP OFFICES IN NEW YORK CITY.

American-Asiatic SS. Line, 12, Broadway. American and Australian SS. Co., 24, State

American and Australian Se. Co., 24, 2000.

American Line, 9, Broadway,
Allas Line, 45, Broadway,
Allas Line, 45, Broadway,
Allas Line, 45, Broadway,
Allas Line, 45, Stocker,
Conard Line, 27, State Street,
French Line, 29, State Street,
Hamburg, American Line, 47 and 45, Broadway,
Lamportand Holt Line, 20, 7 Fordoc Kachangel
Lively Brasilians, 37, State Street,
Lamportand Holt Line, 30, 7 Fordoc Kachangel
Lively Brasilians, 37, State Street,

No. TORK. CHY.
Morgan Line, 56, Broadway.
North-German Lloyd, 2, -Broadway.
Panama R.R. Steamblip Line, 24, State Street.
Quabec SS. Co., 25, Broadway.
Royal Durch Line, 3, Bridge Street.
Royal Matl. St., Co., 22, State Street.
Royal Matl. St., Co., 25, State Street.
Royal Matl. St., Co., 25, State Street.
Soadinavian. American, 1, Broadway.
Southern Facific Co., 366, Broadway.
Cutled States and Australiast Line, 24, State

30 June, 1915

Street. United Tyser Line, 10, Bridge Street. White Star Line, 9, Broadway.

FOREIGN COMMERCE OF THE U.S.

Table I .- SUMMARY OF TOTALS FOR U.S., 1861-1815.

1970 1.555,697,4931,744,984,794 720 43.39,965 (18,55),375 (5,327),194 (52,365,681 (1.45,55,45),210 (1.35,57),400 (Year	Merch	andise.	Gol	id.	Silv	rer.	Merchan Gold and	
180: 40.5 Care 315, 283 (1.50 cm) 27 (2.50 cm) 27 (2.50 cm) 27 (2.50 cm) 28 (2.50 c	30	Imports.	Exports.	Imports.	Exports.	Imports.	Exports.	Imports.	
	1871 1881 1891 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1913 1913 1913	889,370,542 520,223,664,638 844,926,196 823,172,165 903,320,943 1,025,719,43 1,117,513,077 1,317,513,077 1,314,920,224 1,556,947,17 1,314,920,224 1,556,947,216,105 1,555,947,216,105 1,555,947,216,105 1,555,947,036,334	219, 553, 833 442, 820, 178 902, 377, 346 84, 480, 810 1, 487, 764, 991 1, 482, 141, 679 1, 460, 887, 277 1, 1518, 561, 566 1, 743, 864, 500 1, 860, 773, 346 1, 663, 911, 100 1, 744, 984, 11, 100 1, 744, 984, 11, 100 2, 204, 320, 199 2, 204, 190 2, 204, 1	42.291,930 6,883,951 100,031,459 18,838,567 66,051,187 66,051,187 99,055,368 53,648,961 96,221,736 114,510,249 148,337,321 44,033,985 73,607,033 48,936,506 69,194,032	27,423,973 66,686,208 2,565,132 86,363,654 53,185,177 48,568,956 92,594,024 38,573,591 51,399,176 72,432,924 118,563,21 22,509,655 57,328,341 77,762,622	4, 047, 681 14, 386, 463 10, 544, 338 18, 026, 880 36, 386, 521 28, 23, 254 24, 163, 491 27, 768, 814 27, 484, 865 44, 442, 540 42, 946, 684 44, 658, 097 43, 954, 810 45, 217, 194 647, 050, 215 241, 268, 515 241, 268, 515 241, 268, 515 241, 268, 515	31,755,780 16,841,715 22,590,988 64,285,180 49,732,390 44,250,259 49,472,702 48,848,812 65,869,063 56,739,973 57,921,202 55,682,792 55,682,792 64,749,958 64,890,665 77,614,311 56,052	335,650, X53 541,493,708 753,240,125 881,175,643 925,609,873 935,574,456 1,109,11553 1,129,811,553 1,129,817,129 1,367,286,74,288 1,387,337,210 1,398,737,210 1,645,504,529 1,646,770,367 1,749,251,653 1,749,251,653	249,344,933 541,262,765 921,764,193 993,434,452 1,605,235,348 1,480,020,741 1,511,482,533 1,591,759,959 1,660,004,502 1,688,307,154 1,988,989,377 1,995,127,472 1,918,834,795 2,136,579,810 2,136,579,810 2,326,541,422 2,512,662,708

Table II.-U.S. SHARE OF THE WORLD'S TRADE.

	1	imports.	Exports.				
Country.	Imports of Merchandize.	From U.S.	Per cent.	Exports of Merchandize.	To U.S.	Per	
				\$	- S		
The World		2,801,485,000	14'6	17,060,740,000	1,552,879,313	0.3	
Canada (1014)		410,786,000	64'8	431,500,000	163,374,000	37'9	
Argentina (1913)		50,862,000	14'7	466,582,000	22,003,000	4	
Australia (1913)	388,102,000	46,342,000	11'0	365,426,000	12,632,000	3'	
Austria-Hungary (1913)	69x,538,000	65,637,000	9'5	562,247,000	14,258,000	2	
Belgium (rors)	974,623,000	81,156,000	8.3	717,152,000	20,532,000	2.	
Brazil (1913)	326,865,000	51,358,000	15'7	315,586,000	102,700,000	3z.	
Chile (1913)		20.080.000	16.4	144,653,000	30,418,000	21	
China (1913)		25,826,000	6.0	394,010,000	27,447,000	9"	
Cubs (1914)		71,380,000	53'3	170,776,000	136,936,000	80	
Denmark (1913)		23,310,000	10'2	170,812,000	1,021,000		
Egypt (1913)		2,506,000	1,0	156,506,000	12,283,000	7	
France (1913)		168,050,000	10.3	1,326,950,000	81,218,000	6	
terman Empire (1913)		407,266,000	15'9	2,403,311,000	169,742,000	7 8	
Treece (1912)		801,000	2.6	28,209,000	2,472,000		
ndian Empire (1914)		15,554,000	2'6	792,359,000	70,657,000	. 8	
taly (1913)		97,584,000	13.0	483,255,000	49,732,000	IO	
apan (1913)		60,959,000	16.8	314,965,000	91,868,000	29	
Mexico (1913)		44,510,000	47'8	129,971,000	98,544,000	75	
Netherlands (1913)		177,979,000	11,3	1,239,360,000	52,771,000	4	
New Zealand (1913)		10,259,000	9'5	111,865,000	4,840,000	2	
Norway (1913)	. 148,022,000	10,506,000	7'I	102,084,000	8,006,000	2	
Peru (1913)		8,542,000	28.8	44,469,000	14,76 ,000	33	
Portugal (1912)	. 80,585,000	8,618,000	10.4	37,062,000	1,076,000	2	
Russia (1912)	. 603,463,000	45,026,000	7'5	782,181,000	9,274,000	6	
Spain (1913)	. 238,635,000	30,147,000	12.0	194,281,000	12,969,000		
Sweden (1913)	. 226,872,000	20,524,000	0.0	219,049,000	9,220,000	1 6	
Turkey (1912)	. 193,024,000	5,280,000	2.7	105,009,000	6,600,000	1 0	
Union of S. Africa (1913)	. 187,489,000	17,851,000	9'5	316,880,000	2,610,000		
United Kingdom (1913)	3,207,801,000	634,343,000	19'9	2,556,106,000	143,538,000	5	

Table III .- IMPORTS AND EXPORTS CLASSIFIED.

Year.	In	aports of Merchan	ndize,	Exp	orts of Merchand	lize.
1887.	Free.	Dutiable.	Total.	Domestic.	Foreign.	Total.
	\$	S	S	S -	S	S
1860	73,741,479	279.874,640	353,616,119	316,242,423	17,333,634	333,576,057
1870	20,140,786	415,817,622	435,958,408	376,616,473	16,155,295	392,771,768
1880	208,301,863	459,652,883	667,954,746	823,946,353	11,692,305	835,638,658
1890	265,668,620	523,641,780	789,311,400	845,203,828	12,534,856	857,828,684
1900	367,236,866	482,704,318	849,941,184	1,370,763,571	23,719,511	1,394,483,58
1001	339,608,669	483,563,496	823,172,165	1,460,462,806	27,302,185	1,487,764,99
1902	396,818,871	506,502,077	903,320,948	1,355,481,861	26,237,540	1,381,719,40
1903	426,180,979	599,538,258	1,025,719,237	1,392,231,302	27,910,377	1,420,141,67
1904	454,130,240	536,957,131	991,087,371	1,435,174,017	25,648,254	1,460,827,27
1905	517,436,352	600,076,277	1,117,512,629	1,491,744,695	26,817,025	1,518,561,72
1906	549,623,878	676,938,568	1,226,562,446	1,717,950,382	25,911,118	1,743,864,50
1997	644,029,761	790,391,664	1,434,421,425	1,853,718,034	27,133,044	1,880,851,07
1908	525,603,308	668,738,484	1,194,341,792	1,834,786,357	25,986,989	1,860,773,34
1909	599,556,639	712,363,585	1,311,920,424	1,638,355,593	24,655,511	1,663,011,10
1910	755,311,296	801,636,034	1,556,947,430	1,710,083,998	34,900,722	1,744,984,724
1911	776,972,509	750,253,595	1,527,226,105	2,013,549,025	35,771,174	2,049,320,19
1912	881,670,830	771,594,104	1,653,264,934	2,170,319,828	34,002,581	2,204,332,40
1913	987,524,162	825,484,072	1,813,008,234	2,248,506,358	37,377,791	2,465,884,14
1914	1,127,502,699	766,422,958	1,893,925,657	2,329,684,025	34,895,123	2,364,579,14
1915	1.033,526,675	640,643,065	1,674,169,740	2,716,178,465	52,410,875	2,768,589,34

Table IV .- CONTINENTAL DISTRIBUTION OF U.S. TRADE.

Continent.		1913-1914.			1914-1915.	
	Imports from.	Exports to.	Total Trade with.	Imports from.	Exports to.	Total Trade with.
N. America S. America Europe Asia and	895,602,868	\$ 528,644,962 124,539,909 1,486,498,729	956,044,316 347,216,684 2,382,101,597	\$ 473,079,796 261,489,563 614,354,645	\$	\$ 950,16x,116 360,813,520 2,585,786,827
Oceania Africa	320,096,884	196,994,033 27,901,515	526,090,917 47,050,991	300,292,655 24,953,081	192,232,230 28,519,651	492,524,885 53,472,732
Total'	1,893,925,657	2,364,579,148	4,258,504,805	1,674,169,740	2,768,589,340	4,442,759,080

Table V IMPORTS AND EXPORTS BY GROTTER 1014 1016

	Impo	rts.	
. Groups.	Free.	Dutiable.	Domestic Exports.
Crude materials for manufacture Crude foodstriffs and food animals Crude foodstriffs and food animals Foodsturfs partly or wholly manufactured Manufactures for further manufacture Manufactures ready for consumption Miscellaneous	\$ 505,874,813 196,762,824 50,958,753 162,142,604 107,411,372 10,376,309	\$ 69,268,257 27,024,421 234,011,593 75,803,712 228,852,086 5,682,996	509,436,254 507,054,650 452,767,729 357,459,326 808,634,402 80,816,144
Total Per cent.	1,033,526,675	640,643,065 38'30	2,716,178,465

Table VI.-PRINCIPAL ARTICLES IMPORTED, 1914-1915.

	Year ended 30 June, 1914.		Year ended 3	June, 1915.
Articles,	Free.	Dutisble.	Free.	Dutiable.
Animals	\$ 20,519,362 34,145,208	\$ 4,192,749 865,241	\$ 21,166,832 18,147,028	\$ 1,112,249 325,549
Art Works	34,145,200	z,43z,576	20,247,020	1,372,412
Automobiles and parts thereof	0.023.270	26,617,372	8.216,210	12,040,581
Chemicals, Drugs, and Dyes (n.e.s.) Clocks and Watches and parts thereof	54,986,465	39,533,447	49,436,005	34,382,352
Cleaks and Watches and parts thereof		4,292,159		3,745,206
	2,883,351	817,538	4,179,594	***
	20,797,790		22,893,241 106,765,644	
Coffee	110,725,392		2,762,895	
	3,851,794	2,647,838	2,702,095	2,024,059
Cork, manufactures of	1,293,864	2,047,030	488,424	-,4,-38
Cotton, waste or flocks Cotton, unmanufactured Cotton, manufactured	19,456,588		23,208,960	
Cotton, unmanufactured	-9,40-70	60,410,964	***	45,716,699
Earthen, Stone, and China Ware		10,629,178	***	8,681,472
Feathers, natural and artificial		8,825,176		5,565,276
	23,150,146		10,348,006	
	53,959,793	390,202	40,240,017	32,131,014
	33,037,809	49,366,430 7,485,699	29,436,655 13,810,951	4,587,289
Fish	11,272,444	7,405,099	*3,010,951	4,307,209
	16,397,884		13,512,960	
Bananas	2.122.416		1,593,517	
	38,818	1,037,089		878,272
	8,840,321		7,768,348	
		5,652,973		2,758,140
	617,703	7,574,130	495,179	4,097,180
Hota Ronnets, Hoods and materials	232,854	11,869,391	259,906	9,967,923
Hides and Skins, raw:— Calf Skins	23,381,953		10,718,774	419
		2 445	26,289,549	- 20
Hides of Cattle	52,181,943		61,177,765	
Goat Skins Hides of Cattle Sheep Skins Hops	12,593,217	***	9,984,870	2,778,735
Hops	75,152,220	2,790,516	87,124,679	2,770,733
	70,102,220	1,550,818	0)11041079	802,122
India-rubber and Gutta-percha manufs. Ivory, animal and vegetable	1,514,810	707,188	510,677	669,179
Ivory, animal and vegetable	. 2,514,010	1-7,1		
Jewelry: Diamonds, uncut	4,368,055	3,151,633	***	3,358,180
		17,795,099		8.452,117
Towelry		1,067,150		530,604
	10,577,589	14,509,590	10,755,279	9:415,917
Marble and Stone and manufactures	552,075	1,751,714	434,953	1,574,404
Mattings and Mats		2,097,009		213/414-1
Meat and Dairy products:— Beef and Veal	15,140,173	283,738	16,942,661	
Beef and Veal	15,140,1/3	11,010,603		9,370,048
Sausage Casings	2,955,657	***	2,944,501	***
	13,696,984	***	11,288,541	***
			20,358,174	15,251,600
Iron and Steel manufactures Lead and manufactures	5,660,042	26,130,809	7,461,056	2,665,060
Lead and manufactures	2	2.057,476	1,494,985	2,005,000
Manganese	1,841,451		5,074,783	
Manganese Nickel Ore and Nickel Platinum	6,109,547		1,630,602	
Platinum Plumbago	3,975,572 1,846,126		1,387,873	
Plumbago	3,695,335		4.107.240	
PlumbagoSulphur Ore	39,422,479		30,777,617	1
Motale composition and manufactures .		7,150,973	***	3,965,47
Musical Instruments		2,076,734		1,202,14
Oilcloths		1,829,596	# man refe	581,15
Oil, Nut		541,087	1,733,264 450,001	8,225,48
Olive	. 477,210 3,858,001	7,916,980	2,025,000	-,,,,,,
Olive Palm Paints, Pigments, and Colors Paper stock, crude Paper stock, crude	3,658,001	2,325,222		1,959,10
Paints, Pigments, and Colors	8,571,207	. =,3=3;2==	4,817,583	
				9,314,53

Table VI .- PRINCIPAL ARTICLES IMPORTED, 1913-1914-continued.

Articles.	Year ending :	30 June, 1914.	Year ending 30 June, 1913.		
Arucies.	Free	Dutiable,	Free.	Dutiable.	
	S	\$	\$	\$	
Perfumeries and Cosmetics		2,300,027		2,473,144	
Pipes and Smokers' articles		1,472,871		1,354,397	
Plants, Trees, Shrubs, and Vines	16,066	3,580,042	16,750	3,731,916	
Seeds, Clover	2.882,622		2,235,278		
Seeds, Linseed and Flaxseed		10,571,410		13,374,536	
Silk, unmanufactured	100,030,025	****	83,130,557		
Silk manufactures	265,338	35,188,448	256,041	24,786,629	
Spices	860,200	4,735,309		5.926,972	
Spirits, Wines, and Malt Liquors		20,347,546		13,404,903	
Sugar		99,095,774	7,511,126	166,481,477	
Cea			17,518,619		
Pobacco Leaf		35,029,055		27,156,665	
Pobacco manufactures	1,385,944	3,971,862	1,318,062	3,050,718	
Povs		9,084,019		8,085,363	
Vegetables		14,803,220	219,856	9,109,876	
Wood and manufactures of :	-1-4-13	111 331 3	1		
Logs and Round Timber	1.657,605		1,262,641		
Mahogany			2,640,705		
Pulp Wood	7,245,466		6,572,830		
Wood Pulp	15.462,444	1.560.804	19.881,111		
Wool, unmanufactured	45,523,495	7,666,272	66,600,142	1,633,426	
Carpet		4,284,844	10.865,475	-1-33.4	
Clothing		1,759,154	52,008,500		
Combing		1,049,844	3,735,000		
Wool, manufactured		33,364,527	913,955	28,877,401	
	-231-33				
Total	1,127,502,699	766,422,958	1,033,526,675	640,643,065	
Total Free and Dutiable		1,893,925,657		1,674,169,740	

THE TARIFF OF 1913.

AVERAGE REDUCTIONS MADE BY THE UNDERWOOD TARIFF LAW.

The table herewith gives the average an inform rates for typical years under the three last and the second property of the second propert

Schedules.	1896 Wilson Act, Democrat.	Dingley Act, Republican.	Payne Act, Republican.	First zz months Underwood Act, (Estimated) Democrat.
	Per cent.	Per cent.	Per cent.	Per cent.
A-Chemical products	28.23	- a8'5a	25'91	19'64
B-Earthen and glassware	34,36	52.73	50.78	33'17
C-Metals	37'97	39.77	34 35	20'19
D-Wood and wooden ware	23'99	16.46	. I2'46	3'59
R-Sugar	40'94	56.12	48.18	35'93
F-Tobacco	100.00	109.48	82,18	84'99
G-Provisions	22'59	32'41	30.01	16.87
H-Liquors	60.77	70.02	83.08	83.30
I-Cotton	43.76	47'36	45'51	30.48
J-Hemp, jute and flax goods	40.39	46.08	45'14	26.06
K-Wool and woolens	47.83	61.87	- 55'98	18.20
L-Silk	46.96	53'45	. 51°54	43.08
M-Books and paper	22.30	21'09	21'4I	11.82
N-Sundries	23.46	23 45	24.75	33.26
All schedules	39*45	45'24	40'18	39'60

Table VII -- PRINCIPAL ARTICLES EXPORTED, 1914-1915

Table VII.—PRINCIPAL ARTICLES EAFORIED, 1914-1915.								
	Year ended 30	June, 1914.	Year ended 30	Year ended 30 June, 1915.				
Articles.	Domestic.	Foreign.	Domestic.	Foreign.				
	\$	\$	\$	\$				
Agricultural Implements	31,965,789		10,304,978	21,457 56,160				
Auimals Art Works, Painting and Statuary	5,803,659 1,415,302	135,708	77,953,686 298,321	55,008				
Breadstuffs:	1,415,304	2,002,209	-	337				
Barley Bread and Biscuit	4,253,129		18,184,079	1 44 m				
Bread and Biscuit	728,447	1,929	702,509 39,339,064	520 41,571				
Corn Cornmeal	7,008,020 1,185,891	- 3,49x	1,023,214					
	757:527	256,016	57,479,964	102,985				
Wheat.	87,953,456	719,193 8.865	333,552,226	209,016				
Wheat Flour Table Foods	54,454,175 2,323,412	0,005	94,869,343					
. Bran	71,043	A	230,425					
Dried Grain	1,467,028	- 6	177,987 573,823,676	1,750,048				
Total Breadstuffs	165,302,385 51,676,222	1,641,488	85,108,341	126,362				
Carriages and Cars Celluloid and manufactures	1,387,541		722.850					
	3,382,282	976	3,241,686 46,380,986	1,843				
Chemicals, Drugs, and Dyes	3,013,149	3,793,992 8,110	2,574,809	4,092				
	59,921,013	28,010	55,906,140	93,231				
· Cocoa or Cacao	335,940	614,816.	7,302,605	4,378,748 7,562,303				
Coffee	8,977,651 2,789,814	1,276,827	2,304,475	1,106				
	610,475,301	329,311	376,217,972	Y 547 070				
		557,507	71,973,497	316,374				
Dental Goods Earthen, Stone, and China Ware Eggs	4,353,241	57,36x	2,382,728	10.680				
Prove	3,734,087	4,913	5,003,764	5,950				
		31,869	19,771,757	8,880				
	6,272,197 11,978,738	: 34,969 135 370	41,476,188	30,595				
Reptosives Fertilizers Fibers, Vegetable and Textile Grasses Fish	12,575,470	3,935,168	3,870,887	3,744,294				
Fish	12,842,173	250,031	12,870,790	451,569				
Fruits and Nuts	31,850,508	3,268,290 875,068	34,933,117	3,061,202				
Class and Classware	2.770.623	25,127	3,794,459 5,558,717 3,885,233	574,535 24,688				
Glass and Glassware	3,729,623		3,885,233					
Grease and Soap stocks Hair and Manufactures	7,441,977	2,855 65,293	6,650,492 1,579,041	6,192 77,761				
Hair and Manufactures	1,429,794 827,205	754	2,080,207	771700				
Hides and Skins	2,807,253	1,408,030	2,980,297. 4,685,724	2,999,138				
Hops	6,953,529	2,565,010	3,848,020	4,727 3,800,238				
India-rubber and manufactures	12,441,220	2,505,010	2,431,088					
		41,805	***	51,386				
Lamps, Chandeliers, etc. Leather and manufactures. Meat and Dairy products:— Canned Beef.	2,806,034	56,670	2,222,747	190,743				
Leather and manufactures	57,566,261	50,070	120,727,150	190,743				
Canned Beef	461,901		11,974,673					
Fresh Beef Salted or Pickled Beef	788,793	: 9,954	21,731,633	91,746				
Salted or Pickled Beef	2,289,516		3,38z,670 1,386,445					
Recon	ar 900 006	1,775	47,326,129					
Cured Hams Pickled Pork	23,767,447		29,049,93I	***				
Pickled Pork	25,079,030 23,767,447 4,896,574 54,402,911 5,489,139		4,911,307 52,440,133	12.2				
Lard compounds	5,480,130		6,045,752					
Neutral Lard	3,270,230		3,032,321					
Oleo Oil		36,356	9,341,188	115,815				
Sausage Casings	. 877.453	11,835	2,392,480	38,788				
Cheese	414,124	27,369	8,247,174	55,263				
Milk	1,674,351	14,076	3,410,225	392,441				
Metals : Brass and manufactures	7.472.476	1,599	20,544,549	±35				
Copper Ore	3,257,089		220,147	1				

Table VII .- PRINCIPAL ARTICLES EXPORTED, 1914-1915-continued.

	Year ending 30	June, 2924.	Year ending 30 June, 2925.		
Articles,	Domestic.	. Foreign.	Domestic.	- Foreign.	
Metals (continued) -	\$	\$ 484	\$ 00,558,030	\$ \$50,071	
Copper Ingots and manufactures Iron Ore Iron and Steel manufactures : Bars of Steel	146,222,556 3,401,156	***	1,277,563		
Iron and Steel manufactures:— Bars of Steel	7,392,163		10,829,699		
Bars of Steel Billets, Ingots, and Blooms Steel Rails Sheets and Plates Structural Iron and Steel	1,042,854	56,681 490	4,815,233 4,537,978	29,423	
Sheets and Plates	17,129,707	100	12,744,873 6,289,466	43 1,225	
Wire Nails		16,116	17,268,807	16,196	
	1,693,632 6,031,879		4,295,584	· E	
Castings	2,631,907		1,288,131		
			1,624,833 1,487,706	:::	
Cash Registers	1,382,893		808,973		
FirearmsLocomotives	2,602,225	985	9,474,947	250	
Stationary Engines	737,877 657,815		298,246 236,589		
Mining Machinery	9,556,634		6,298,157		
Pumps and Pumping Machinery	3,723,337		2,539,693 1,431,070		
Sewing Machines	3,487,277 11,494,801	T. 1 1	6,223,521 5,315,134		
Traction Engines Mining Machinery Pumps and Pumping Machinery Printing Presses Sewing Machines Typewriting Machines All Iron and Steel manufactures	10,575,573 251,480,677	418,124	225,888,358	626,061	
Platinum	914031709	-6,560	446	107	
Plumbago	656,574	708,639	5a0,779 z,786,038	634,503	
		. 225	5,712,104	12,520	
Zinc		9,760	2,048,715	11,970	
Naval Stores Oilcake and Oilcake Meal Oils, animal	19,882,165		28,879,051		
Oils, animal	822,233 6,812,672	a8,909 1,563	547,074 4,911,634	22,873	
Oils, refined or manufactured	145,361,384		128,781,641 25,831,745	180,504	
Oils, animat Oils, mineral (crude) Oils, refined or manufactured Oils, vegetable Paints, Pigments, and Colors Paper and manufactures	7,256,318	290,005 8,036	7,387,609 19,848,358	22,047	
Paper and manufactures	ao,663,634 6,516,338	244,849	19,848,358	100,142	
Paraffin and Paraffin Wax Phonographs, Gramaphones, etc. Photographic Goods, Total Moving Picture Films Salt.	2,512,320	56,407	794,011 8,276,291	88,410	
Photographic Goods, Total	9,431,800 6,547,646	30,971	5.080.048	47:327 18,031	
Salt	542,783	7:597 83,249	616,138 3,861,064	223,546	
		2,705	4,858,299	87,302	
Soap Spirits, Wines, and Mait Liquors Sugar, Molasses, and Confectionery	4,134,420 4,836,267	511,913	28,636,579	87,302 928,313 749,255	
		136,781	44,493,829	2,709,347	
		45,572	6,468,688 20,813,151	24,562 887,212	
Vegetables	3,256,023	5,637	883,523	1,896	
		74,598	36,225,101 2,481,592	22,673	
Staves	5,852,230	200	3,177,976	811	
		32,131	2,923,203 49,943,537	5,093 540,978	
All Wood and manufactures Wool, unmay ufactured Wool, manufactured	. 103,179,040	207,768	27,327,451	2,925,214	
		370,247			
Total	2,329,684,025	34,895,123	2,716,178,465	52,410,875	
Total Domestic and Foreign	2,364,579,148		2,768,589,340	1 2	
				1.2	

CUSTOMS TARIFF OF THE U.S.

Notes .- Articles in italics are on The Free List. n.s.p.f. = not specially provided for.

Principal Articles.	Rates of Duty.	- Principal Articles.	Rates of Duty.
Acids (Schedule A)per lb. (n.s.p.f.) ad val. Acids (not in Schedule A)free Aconite	% c. to 12 c.	Buckwheatfree	
,, (n.s.p.f.) ad val.	15%	Bullion, Gold and Silver	
Acids (not in Schedule A)free		Bullion, Gold and Silverper lb.	21/9C.
Aconile,			
		Calcium (n.s.p.f.)	
Agricultural Implements ,,			
Albumen (n.s.p.f.)		Carbolic Acid	***
Alcohol, Methyl or Wood		Carts and Wagons	
Alcoholic Compounds (and 20 % sd	10 c. to 40 c.	Cash Registers	
val.)		Cast-iron Pipes	10 %
Alkalis, Alkaloids, &cad val.	15 %	Castor Oilper gal.	120.
Alpacea, Hair ofad val.	15%	Castro Ul	
Aluminum and Alloys (crude)		Cement (n.s.p.f)ad val.	10%
per lb.	2 C.	Chalk, Crudefree	
Ammonia, Carbonate or Muriate		Champagneper doz. quarts	\$9.60
per lb.	3/4 C.	Charts (n.s.p.f.)free	4,511
Ammonia, Nitrate and Sulphate of	74	Cheese and Substitutesad ral.	20 %
- free		Chocolate and Cocoa :	
Animals, Live (Schedule G) ad val.	10%	Unsweetened, prepared or manu-	
Animals (Imported temporarily or		factured (n s n f.) ad nal	8 %
for breeding murposes)free		Sweetened, prepared or mann-	
for breeding purposes)free Animals, Wild and Food,		factured (n.s.p.f.)ad val. Sweetened, prepared or manufactured, and valued at 20c. per	
		lb. or lessper.lb.	20.
Arrowroot, unmanufactured, Arsewic, Art, Works of		Valued at more than soc. per lb.	200
Acsenic		ad val.	25%
Avt Works of		Cigare and Cigarettee	25 /
Art. Works of (Schedule N) ad ral.	15%	(and se % ad val \ nor lh	\$4.50
A sheetos senmanufactured	*57	(and 25% ad val.) per lb. Clapboards	44.20
Asbestos, unmanufactured ,, Asphaltum		Clooks and Parts of ad ad	30 %
Automobiles (valued at \$2,000 and		Clocks and Parts ofad val. Coal, Anthracitefree	30 %
over) and hodiesad val.	45% .	Rituminous	
Automobiles (valued at less than	45 79	Reignate ,	
\$2,000) and chassis, and parts		", Bituminous ", Briquets ", Coal Tar Products (not Medicinal)	
and tires	30 %	Coal Tar Frouncis (not Menchan)	20%
Duran face		Cobalt	10 70
Bacon free Barbed Wire fencing ,,		Cocoa, Crude	
Barks, np.f		Congruets in Shell	
Daulor man of the harabal	15 C.	Cocoanuts in Shell ,, Cod Liver Oil ,,	
Barley — per 48 lb. bushel Barley Malt — per 34 lb. bushel Beads — ad val.	25 G	Coffee	
Rando ad not	35 %	Coffee ", Coins (gold, silver, and copper), Coke ",	
Dames man f	35 /*	Cake	
Beans, n.s.p.f. free Beef, fresh ,,		Copper, plates, bars, ingous, and pige	
Beeswax		Copper, praces, our e, ingote, and pige	
Benzine		Copper Ore free	
		Copperas,	
	34 G	Compos Platos ad aut	5 %
Divile argant drasped game free	74 00	Copper Plates ad val. Cork, Unmanufactured free	
Blankete a a m f		Come Chinanagacourea	
Birds, except dressed game free Blankets, n.s.p.f. Books and Pamphlets, bound or unbound ad val. Books for the Blind free		Meal ,,	
books and rampmets, bound or		Cotton:-	
Darks for the Pilita	15%	Cotton:-	
Books for the Divid		Cloth, colored (according to	4
Books for religious, philosophical, scientific, or literary purposes		numbers)ad val	zo to 30%
scientific, or interary purposes		Cloth, uncolored (according to numbers)	
Books in Foreign Languages ,,		numbers)ad val.	7% 10 27%
Books in Foreign Languages "		Clothing, ready made ,, Handkerchiefs or Mufflers(n.s.p.f.)	30 %
Bibles		Handkerchiels or Mumers(n.s.p.J.)	
B0008 55		ad val	30 %
Dorace, crude	0	Hosleryad val. per doz. pairs	20 10 50 %
Borax, crude ", Brandy (see Spirits) per gal. Brass free	\$2.60	Lace Manufacturesad val.	35 to 45%
Druss		Plushes, Velvets, Corduroys	40 %
Brimstone		Shirts and Underwear (n.s.p.f.)	
Briquets ,,		ad val.	30 %
Bristles, crude		Tirread, aucolored (according to	
Pristles per lb.	70.	Thread, uncolored (according to numbers)	5 to 25%
Bristles, crude Pristles per lb. Broom Corn free Brushes ad val	7 C.	numbers)	5 to 25%

Principal Articles.	Rates of Duty.	Principal Articles.	Rates of Duty.
Cottonfree		Granite for buildingad val	25 %
Bagging		Grass Seedsfree	
Gins		Guano Manures,	
Cottonseed Oil ,,		Grass Seeds	
Croam.		Gutta Percha, Crude	
Cream ,	211	Gutta Percha Manufactures ad val.	10 to 15%
Curry		Hair (n.s.p.f.) free Hair (Human), cleaned but not manufactured ad val.	
Diamonds, cut but not set ad val.	20 % 20 to 60 %	manufactured and nal.	20%
Downs ,,	20 10 00 70	Hamsfree	
Drawings (see Art, Works of)	10 to 25%	Handle Bolts,,	***
Drugs not advancedfree		Harness, or parts,	***
Dyewoods (n.s.p.f.)per lb.	. %%	Hay per long ton Hemlock Bark Extract free Hemp (n.s.p.f.) Herbs as Drugs (n.s.p.f.) Hides ,	\$2
Earthenware, Porcelain (decorated)	20 to 55%	Hemlock Bark Extractfree	
(not decorated)	15%	Hemp (n.s.p.f.),	
Engravings (see Art, Works of) Etchings (see Art, Works of)		Hides	
Etchings (see Art, Works of)		Hones ,	
Evergreen Seedlingsfree Explosive Substances		Honeyper gal.	EOC.
Everlasses and frames forad val.	35 %	Hones per ya. Honey per ya. Honey per ya. Honey Iron or Steel Jree Hops. per lb. Horns and parts free Horsehair horseshoes, Nails for Household Effects grant gran	x6c.
Rane Palm Leaf free		Horns and parts free	100-
Fats and Grease		Horsehair	
Feathersad val.	20 to 60 %	Horseshoes, Nails for,	
Ferromanganese		Household Effects,	
Field Glasses and frames for ad val.	35%	Hotisenoia Egects	
Films, Moving pictureper foot Fish (except Shellfish) packed in oil	I to 3e	Indigo	
Fish (except Shellfish) packed in oil		Instruments, Scientific,	
Flax ad val.	25 %	Inventions, Models of	
Flar home or ramis (finer than 80)			
ad val.	10 %	Iron, Barad val.	5%
Plints, unground free Floor Matting (Jute or hemp, etc.)		Tron, Bar	10%
Floor Matting (Jute or nemp, etc.)	21/c.	Iron Loops Jree	
Flower Seeds (n.s.p.f.)free	-/200	Iron or Steel Bands	
Fossils,			
Fowls		;; ;; Fiat Rails; Nails, Rails or Scraps	
Floor Matting Gitte or nemp, etc.) Plower Seeds (n.s.p.f.) per sz. yd. Flower Seeds (n.s.p.f.)		Jule , , Kerosene , ,	
Fruits:-		Jule	
Apples, cherries, peaches, pears, plums, and quincesper bushel	100.	Kerosene,	
plums, and quincesper bushet	100.	Kindling Wood,	
Oranges, grapefruit, lemons, and		Land Forels	
limes in bulkper lb.	340.	Sittle	
Pineapples in bulkper 1,000	\$5		
Fulminates (N.S.P.J.)Jree		Leather ,	
piums, and quinces. per outsite Preserved (n.s.p.f.). per lb. Oranges, grapéruit, lemons, and limes in bulk per lb. Pineapples in bulk per lb. Pineapples in bulk per lc. Pruits or Berries (n.s.p.f.). free Pulminates Permiture, of Foreigness. Purniture, Wood adval. Furniture, Wood adval. Furn dressed		Boots and Shoes	
Furniture, Woodad val.	15%	Harness	
Furs, dressed	10 to 40%	" Saddlery	
Furs, dressed , free , wearing apparel	50%	, Shoe Laces ,, Uppers ,,	
Gasoline	, ,,,		
Gasoline		Leather, Manufactures of (n.s.p.f.)	
Glass plates or discs. Glassware	45%	ad val.	30 to 35 %
Glaziere Diamondsfree	Sr to Sa. so	Leaves as Drugs (n.s.p.j.)	
Glores of Leather (n.s.p.f.)	\$1 to \$2.50	Lemon juice	
Glue (not above roc. per lb per lb.	10.	,, peel, not preserved "	
Glue, Stockfree		Libraries	
		Sarina Annaratus	1
Gold bullion, ore or sweepings ;; Grains		Lime juice	
Gramophones, Graphophones, and parts		Linotype Machinesfree	4
partsad val.	25%	Leaves as Drugs (n.s.p.f.) — da val. Lechot — free Lechot — in Lennon juice — in Libraries — in Lime juice — in Lime juice — in Limburge Machines — free Limburge phic Stones(not engreese),	1
		1	-

Principal Articles.	Rates of Duty.	Principal Articles.	Rates of Duty.
Loadstonesfree		Oil Cakefree	
Logg	***	Oats per bushel Oils (not in Schedule A) free Olive Oil per gal	6c.
Lumber, planed or finished		Oils (not in Schedule A)	306.
	***	Olive Oil	35%
Macaroni and Vermicelli per lb.	IC.	Opera Glasses & Frames Ior as val. opium, Crude	\$3
Machines:		Orange Juice free	
For spreading Tar and Oilfree Linotype and Typesetting ,		Peel (not preserved) 11	***
Mowers		Ore, Metallic, except lead bearing ,	***
		Paintings (n.s.p.f.) ad val.	15%
Sugar Making		Paints, Colors and Pigments ,,	15 to 20%
Thrashing		Paper (see also "Books"):-	25%
Sugar Making	*** ,	Manufactures of (n.s.p.f.) ad val. Printing (other than hand made)	-31-
	***	shove sic per lb ad val.	12%
Malt Liquors	450.	Playing Cards	60%
Manures		Paper for Printing, Crude (under	
Managorinta		zł c. per lb.)free	***
Manuscripts "Maps (n.8.p.f.)	15%	Parafin	
	45 %	Printing (other than hand hade) above sic. per lb. ad vol. Playing Cards Playing Cards Proper for Printing, Orude (under Parafin Parasols (a.s.p.f.)	35%
		Paris Greenfree	
Marron		Pagel Mather of	***
Marshmallow		Pehbles, Brazilian	
Meal, Corn		Pearl, Mother of	8c.
Medals		Perfumery and Cosmetics :	
Metal Composition			
Metals and Manufactures :-		(and 60% ad val.) per lb.	400. 60%
Aluminum and Alloys(crude) per lb.	2C,	Without Alcohol ad val.	0010
Aluminium in plates, pars, etc.		Periodicals (within six months of	
per lb.	3½c.	Daysonal Pffeets	***
Bar Iron	5 % 15 %	Periodicals (within siz months of issue) Personal Effects Personal Effects of Citizens of U.S. Special Effects of Citizens of U.S.	
Steel	30%		***
Clocks and Parts of, Copper Plates	5%		***
	10%	Phonographs and Parts ad val.	25%
Metallic Pensper gross Pinsad val. Table and Kitchen Utensils	8c. \	Phosphates, Crudefree	
Pinsad val.	20%	Phospharus " Photographic Films not exposed or developed free Photographs ad val.	***
Table and Kitchen Utensils 15	25%	Protographic Fulls not exposed or	
Tin Plates	30%	Photographs ad nal.	25%
Watch Movements & Cases	25%	Pine Common	25%
Zinc Blocks, Pigs or Sheets Milk, Preserved or Condensedfree	157	Pins, Common	20 to 50%
Mineral Waters (in Secrets), per doz. quarts Mineral Salts	200.		
Mineral Saltsfree		Platinum, Unmanufactured ,, Playing Cards	60 %
Minerals, Crude		Playing Cards	00 70
Mineral Salts	***	Plumbago	
Moss (n.s.p.J.)		Pork	
Moutes and i Rooks "		Potash Orude	
Music for the Rlind	1	Potassium Cyanide	
Music for the Blind	35%	Potatoes	
Mustard Seedfree		Precious Stones, cut but not set	
Mutton 22		ad val.	20%
Nails	***	Printing Paper of less value than styc. per lb. free Prizes Prussic Acid.,	
Naphtha	*** .	Durines	
Needles, sewing, darning, shoe machinefree	1	Prussic Acid	
Woodles ell other ad val	20%	1 Puln Woods	***
Needles, all other ad val. Newspapers (within six months of issue) free Nickel Ore		Quinine	
(saue)free		Radium,	
Nickel Ors		Rags (n.s.p.f.)	
		Rails (Flat) of Iron or Steel ;; Railway Bars, Iron or Steel ;; Rapeseed	
Nut Oil	***	Rannad Bars, 1700 or Seet ,,	1
Nuts, shelled or unshelled (n.s.p.f.)		Datten Matting ner so, ud.	SC.
New Vernical of distinction of the	10.	Mats per sq. ft.	30.
Nux Vomicafree	-	Reaversfree	
Ostmoal and Rolled Oats, per soulb.	300.	Rattan Matting per sq. yd., Mats per sq. ft. Reapers free Rice, Cleaned per tb.	zc.
The same per control of the control	1		

Customs	Tariff of	the United States.	231
Principal Articles.	Rates of . Duty.	Principal Articles.	Rates of Duty.
Roots (n.s.p.f.)free		Sugar—continued.	
Rubber, Manufactures of (n.s.p.f.)	- 300	Molasses (not above 400) ad val.	15%
Inco has	20%	, (40° to 56°)per gal.	2% C.
Rye and Rye Flour free		Sulphurfree	4160.
Saddles and Saddlery,		Sulphuric Acid	
		Sumac. Ground	
Saltpetre, Crude,	***	Sunshades (n.s.p.f.)ad val.	35 %
Scientific Apparatus,	200	Swinefreefree	311
Sculpture, Casts of	694	Table and Kitchen Utensils ad val.	25 %
Flax Seed, Linseed and Oil Seeds		Tacks, Cutfree	#5 tr
per bushel	200.	Talcum, Crude (n.s.p.f.) ,,	
Castor Seedsfree	150.	Talcum	25 %.
, (n.s.p,f.)per lb.	50.	Tanning Material	
Sewing Machinesfree	3	Tapioca	
Sheep		Tar and Pitch Wood,	
Shellfish	***	Tea, Thrashing Machines,	
Shells ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Timber	
Shoddy		Tin,	
Shoes, Leather		Tin Platesad val.	15%
Silk Cocoons,	***	Tobaccoper lb.	\$1.85 to 2.50
Silk, Raw,		Cigars and Cigarettes (and 25 %	33 11
Manufactures (n.s.p.f) ad val.	45%	ad val.)ver lb.	\$4.50
Partly Manufacturedper lb.	300.	Tobacco Stemsfree	35 %
Spun Silkad val	35%	Toys	35 7°
Wearing Apparel	35 to 60%	Turpentine	
Silver Bullion, Ore, etcfree	30	Type (Printing), Old	
Sigal Grass		Typesetting Machines,	
Skins, not dressedper lb.	55 C.	Typewriters	35 %
Soap, Perfumedad val.	30%	Vaccine Virusfree	357
Unperfumed	20%	Veal	
Soda Arseniate, Ash Cyanide, Ni-		Vegetable Substances,	
specimens, Scientific (not for sale) ,,]	Verdigris,	1
Spectacles, and frames for ad val.	35%	Vermuthper gal.	45 a to 60
Snermaceti Oilfree		Vitriol, Bluefree	
Spices, Unground (n.s.p.f.)per lb. Spikesfree	I C.	Wagons and Carts,	1
Spirits, distilled or manufactured		Watch Movements and Cases	1
from grain or other materials		ad val.	30%
(n.s.p.f.)per gal.	\$2.60	Water Fowlsfree	
(n.s.p.f.)		Wax (n.s.p.f.), Wearing Apparel (up to \$100) ,,	1
Sponges, Naturalad val. Sprias, Cut	10 %	Whalebone Unmanufactured ,	1
Stamps, Foreign		Whale Oil (n.s.p.f.)	
Statuary (n.s.p.f.) (see also Art,		Whale Oilper gal.	1 50.

 15. Wagen and Caris ... free ... free ... was ... free ... was ... free ... was ... free ... was ... w

Principal Articles.	Rates of Duty.	Principal Artisles.	Rates of Duty.
Vool— Blankets and Flannels (n.s.p.f.) ad val. Carpets and Rugs	as to 30 % ao to 50 %	Wool —continued. Dress Goods — ad val. Plushes and pile fabrics — , Yarns — , Wool (n.s.p.f.) — , Farn and Waste, Angora, Alpaca	35 % 40 to 45 % 18 %
ad val.	35 %	Zinc blocks, pigs or sheets ad val.	x5 %
Combed or tops (n.s.p.f.) ,,	3 0 70		

RECEIPTS IN 1913-14 FROM THE CORPORATION EXCISE AND INDIVIDUAL INCOME-TAX, BY REVENUE DISTRICTS.

Districts.	Corporation.	Individual.	Districts.	Corporation.	Individual.
2.20000.					
	\$	S		\$	\$
Alabama, Including			Nebraska	237,195.22	76,857.75
Mississippi	300,796.74	102,586.10	New Hampshire, in-		
Arkansas	110.784.10	41,239-35	cluding Maine and		
First Cal., including	210,704.50	4-1-39-33	Vermont	419,520.68	213,861.95
Nevada	x xxx 642 64	605,504.63	First New Jersey	278,402.42	301,106.08
Sixth California	584.771.00	282,455-74	Fifth New Jersey	1,247,387,85	515,500,13
Colorado, including	2041/12.03	202,455/4	New Mexico, including		
Wyoming	399,899.59	119,410.79	Arizona		30,061.77
Connecticut, including	333,033.33	119,410.79	First New York	450,803,86	635,985.48
Rhode Island	- 020 ONE TO	733,450.71	Second New York		7,050,070.02
Florida	1,030,935.19	108.806.43	Third New York		2,761,086,38
Georgia		115,874.11	Fourteenth New York	485,557.88	445,184.64
Hawaii	116,012.63	34,822.62	Twenty-first New York		201,204.48
First Illinois	2 824 402 50	1,015,140.02	Twenty - eighth New		34.4-
Fifth Illinois		48,855.73	York	964.849.93	528.726.03
Eighth Illinois		78,310.31	Fourth North Carolina		27,363,86
Thirteenth Illinois		70,310.31	Fifth North Carolina		19,303.60
Sixth Indiana		134,480.10	North and South		- J, Jonney
Seventh Indiana		46,281.66	Dakota		32,997.00
Third Iowa		141,136.62	First Ohio		263,035.18
I mru lows		141,130.02	Tenth Ohio		166,070.72
Fourth Iowa (July, 1913)	*4,721.49	40,960.11	Rieventh Ohio		60,802.42
Kansas		10,466,17	Righteenth Ohio		395,599.8x
		60,070.01	Oklahoma		93,082.15
Fifth Kentucky			Oregon		99,054.36
Sixth Kentucky	22,814.67	6,524.20	First Penn		2,012,513.61
Seventh Kentucky	44,540.10	17,550.10	Ninth Penn.	452,108.50	261,813.97
Eighth Kentucky		3,634-14	Twenty-third Penn		901.767.80
Louisiana		159,056.91	South Carolina	. *102,126.48	25,816.08
Maryland, including			Tennessee		98,277.59
District of Columbia			Third Texas	711,874.32	361,965.21
Delaware, and eastern			Second Virginia	304,816.17	
shore of Virginia		832,276.14			70,112.30
Third Massachusetts		1,570,506.61	Sixth Virginia		3-,525.74
First Michigan,	1,310,332.51	940,764.69	Washington, including		
Tenth Michigan	. 271,892.18	71,454.12	Alaska		124,902.39
Minnesota		372,527.41	West Virginia		94,627.97
First Missouri	. 990,769.20	487,176.63	First Wisconsin		190,672.91
, Sixth Missouri		169,882.18	Second Wisconsin	. 137,598.22	29,969.67
Montana, including					
Utah and Idaho	419,148.55	80,357.26	Totals		
Married Control of the Control of th			* South Carolina Distri		I r Sent rore

previously having been a part of the Fourth North * Fourth Town District consolidated with Third District, 1 Aug., 1913; ORDINARY TREASURY RECEIPTS AND DISBURSEMENTS FOR 2913-14 (three months of it under the Payne Tarff law and nine months of it under the Underwood Tariff Law) AND FOR 1914-19 (all of it under the Underwood law).

FISCAL YEAR END, 30 JUNE. 78,460,683.20 23,143,740.52 Excess of Expenditure

POSTAL SERVICE OF THE UNITED STATES.

The Postal Service of the U.S. is the greatest business undertaking conducted by the Federal Government, and it is practically self-supporting. The following table shows the progress of the postal business since 1880:

Year ended June 30	Revenue.	Expenditure.	Post Offices.	Matter Mailed. Pieces.	Money Order Offices. Number.	Domestic Money Orders Issued.
1880 1885 1890 1895 1900 1905 1910 1911 1912 1913	\$ 30,041,983 42,560,844 60,882,098 76,983,128 102,354,579 152,825,585 224,128,637 237,879,823 246,744,015 266,619,525 287,934,565	\$ 36,542,804 50,046,235 66,259,548 87,179,551 107,740,267 107,399,109 229,977,224 237,600,705 248,525,450 262,067,541 283,543,769	42,989 51,252 62,401 70,064 76,688 68,131 59,580 59,237 58,729 58,020 56,810	4,005,408,306 5,134,881,200 7,129,990,303 10,187,505,889 14,850,102,559 16,900,552,138 17,588,683,941 18,567,445,160	4,829 7,056 9,382 19,691 29,649 36,832 51,791 51,809 52,815 54,594 55,055	\$- 100,352,818 117,858,921 114,352,757 156,709,059 238,921,009 396,903,423 547,993,642 578,111,005 583,337,004

POSTAL LAWS OF THE UNITED STATES.

DOMESTIC MAIL MATTER,

Rates of Postage.

(Special rate for Newspaper Proprietor

and recognized News Agents, per pound or fraction thereof, a cent) (TROULARS AND PRINTED MATTER

CIRCULARS AND PRINTED MATTER (UNSEALED), per two ounces or fraction thereof

FOUR OUNCES, per ounce or fraction thereof

Classes of Domestic Mail Matter.

The Four Classes into which Domestic Ms

First Clear.—Letters and matter wholly of manuscript, only accompanying proofsheets of corrected proofs thereof), and all matters close against inspection, are carried at the rate of a centre of the control of the control of the second of the control of the control of the correction of the control of the control of the tree of the control of the quality and weight, and to the requisitor prescribed by the Fortmatter General, are carried

Second Class.—Newspapers and other purchase close entered as "Second Class Matter"; the close the control of the control of the control (learning a date of issue, and numbered consecutively) at stated intervals as often as four times a year from a known office of publication; and they must be formed of printed paper sheets, without board, cioth, leather, or other substantial binding. Partial or incomplete copies are third-

Third Class.—Circulars and matter printed on paper not included as second class, proofsheets

(corrected or uncorrected) and accompanying manuscript copy; and Correspondence for the Blind printed in raised characters. Circulars may bear no writing, and nothing in the nature of a written communication, except the date and the name of addressee and sender in writing

Fourth Class.—Merchandize, and all matter not included in first, second, or third class, up to the weight of four ounces. Bat no merchandize may be sent if it is liable on account of its form or nature to destroy, deface, or or to harm any person engaged in the postal service. Above the weight of four ounces matter of this class will be charged at the domestic

Limit of Weight.

No package may exceed four pounds avoirdupois, except single books, second class matter, or fourth class matter sent at parcel post rate.

Special Delivery.

Mallable matter bearing a se cent special delivery stamp (or ordinary stamp to the value of so cents and the words "special delivery" on the stamp of the value of so cents and the words "special delivery" on the arrival at any U.S. postoffice of the free delivery class between the hours of \(\tilde{\gamma} \) and the last mail (provided this be not inter than other than

NOTE.—The One Cent Drop Letter Rate is confined to letters deposited in postoffices where there is no letter carrier or rural delivery service; and to letters addressed to persons who reside beyond the limits of the rural delivery service.

Registration of Domestic Wall Matter.
First, second and third class matter may be quistered if the postage and the so couts reristration for oeah package are thinly prepaid instrated to the count package are thinly prepaid to compose. The name of the addresses and of the condent must appear on the envelope or wrapper, and the package must not be pixed in street in a package must not be pixed in street and the package must not be pixed in street in a gramwiselequent is described by the second or "supplied to the package of the package of the package. The Internative payable in case of the package. The Internative payable in case of the package. The Internative payable in case the package.

of the package. The interest package, up to the value of \$50 for any one package. Pourth class mall matter sent by parcel post may be insured for \$35 a parcel on payment of a fee of 3 centa, and for \$50 on payment of a fee.

FOREIGN MAILS.

All mail matter from the U.S. to Alaske, Hawaiian Islands, Guam, Philippine Islands, Panama Canal Zone, and Tutulia and other Samonn Islands of the U.S., or from one to the other of these Territories and Insular Possessions, is subject to the U.S. Donnestic classification, conditions, and rates of postage.

Matter mailed in the U.S. to addresses in Canada, Cuba, Panama, and Mexico, and in the city of Shanghai (China) is subject to the same rates and conditions as if they were addressed for delivery within the U.S., except fourth-class parcel post matter, for which see Foreign Parce Fact.

Letters for Great Britain and Iroland and Newfoundland are mailable at a special rate of two cents per ounce or fraction thereof.

at a special rate of two cents per ownes or fraction thereof.

LETTERS	for the first ounce	5 3	0011
PORTAL C	ARDS (single)each	2	001

(The Postal Card rate includes "Post Card bearing written communications.)

PRINTED MATTER (all kinds)
for such five owness 1 08

COMMERCIAL PAPERS (deeds, bills, in-

NAMPLES OF MERCHANDIZE

for the first four ounces is to

for each additional two ounces is to

FOURTH CLASS PARCEL POST MATTER (see Foreign Parcel Post).

Lotters, Postai Caros, and "Foot Caros" written measures for any foreign country (exceptant) and Moxico) will be forwarded whether may postupe to proposid or not. All other maintenance in the matter must be prepaid at least partially and the lawful postage on all registered article must be fully prepaid. The registration fee 10 counts.

Double the descient postage on articles the manufable partly prepaid or wholly unpaid be collected from the addressee.

DOMESTIC PARCEL POST.

For the purposes of the Domestic Excel Post System, anticonsel by Coupress, 44 cuts, 193, 58 years, and Forest Class Mail Matter now embraces everything (Including farm and factory products) not included in the first, second, and third classes, the same regulation applying, that in form the man regulation applying, that in form damage the unal equipment, or injure the person of artyces employed in the department, nor must it be perishable within the period reasonarily required for transportation and delivery to

of len	gth and	girth	combined	B4	inche
and	Second	Zones		50	
	sighth 2	cones.		02	pounc

DOMESTIC PARCEL POST RULES.

Pitces where maked.—Farceis weigning four ounces or iess may be malled at any conventiont point, including street package boxes. Farceis weigning over four ounces must be mailed at the General Postoffice, or at a lettered or local named station or branch postoffice, or at such numbered stations as have been designated to receive parcel post matter.

Name and address.—In addition to name and address of receiver, parcels must bear the name and address of sender, preceded by the work

and address of sender, preceded by the word
"From".

Not to be closed against inspection.—Parcels

must not be sealed or otherwise closed against impection, and must be prepared for malling it such a manner that the contents can be easily examined. Mailed or served loose are mailable if (with reasonable effort) the bids can be removed for the purpose and the properties of the pr

No infraction of weight or size limit.—If a parcel exceeds the limit of weight, however little of its much of an Equich tape line as is not used in measuring its maximum length will not see its maximum girth, such parcel will not be

No twritten communications permitted.

Nothing in the nature of a written on typewritten communication may appear in or on the
written communication may appear in or on
the sender or the characteristic constraints
of the sender or the characteristic communication
to fine the sender of the characteristic control to
the sender with the permission
to fine the sender words of greeting such as
"Merry Christmas," "Happy Returns," "WHE
Bosk Wishes." Involves (written or printed) may
also be included with initials or name of sales

man, packer, or checker.

NOTES.—Parcels infringing these rules or exceeding the limit of weight will not be unabled. Parcels infringing the rules, but not over the parcels life the parcel l

DOMESTIC PARCEL POST RATES.

Parcels of fourth-class matter weighing four ounces or less, except books, seeds, plants, etc., t cent for each ounce or fraction thereof, any distance. Parcels weighing 8 ounces or less containing books, seeds, cuttings, builts, roots, sciens and plants, a cent for each a ounces or fraction thereof, regardless of distance. Parcels weighing more than 8 ounces containing books, seeds, plants, etc., parcels of miscellaneous printed matter weighing more than 4 pounds, and all other parcels of fourth-class matter weighing more than 4 ounces are chargeable, according to distance or zone, at the pound rates shown in the following table, a fraction of a pound being considered

Weight in Pounds.	Fiyst Zone.		Record.	Third.	Fourth.	Fifth,	Sixth.	Seventh,	Eighth. over
	Local.º	to so miles.					1600.	1800.	miles,
	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.18
1		.06	.06	.08	-1X	-24	.17	-ai	-24
	.06		107	.10	-15	. 20	-25	-31	.36
3	.06	.07	.08	.13	.10	-26	-33	-41	.48
4	.07			.14	-83	-32	-42	.52	160
B	-07	109	.09	10	-37	.38	-49	161	.71
6	.08	.10	.10	.18	.3x	-44	-57	1 75	.84
7	80.	.XX	111			*50	.84	18.	-96
8	.09	er.	-13	.20	-35	-56		rg.	1.08
9	.00	-13	-13	-33	-39		-73	1.01	1.80
IO	.10	-14	-14	-24	-43	-62	,80		1.30
22	.10	-15	.15	.26	-47	.68		1.11	
12	. 22	.16	.16	. 18	.51	-74	-97	1.21	2.40
13	.xx	-17	.17	-30	1 -55	.80	1.05	1.31	1.56
14	. 12	-28	.18	-32	1 -59	.86	1.13	1.41	1 68
15	.78	-10	.10	34	.63	-98	1.21	1.51	1.80
16	-13	.80	, 30	.36	.67	.98	1.89	x.6x	1.92
	.13	.31	.21	-38	-71	1.04	1 1.37	1.71	2.04
17	.14	-88	- 23	.40	1 1.73	1.10	1.45	18.2	3.16
	.14	-23	- 23	-48	-79	1.16	x-53	1.01	a. s8
19		-24	-24	-44	.83	T-28	1.61	20.0	2.40
20	.15	-35	- 25						
35	.15		.25	Nork.	"The Locus	Rate applies	s to parcels	matical at a	city carrier
22	.16	. 30	- 30	office for	at any not				ch office) for

- 189 - 39 - 30 - 33 - 33 - 33 - 33 - 33 - 33 - 33 - 33 - 34 - 43 - 44 - 45 - 46 - 47 - 48 - 49 - 50 - 51

-33 -34 -35 -36 -37 -38 -39 -40 -41 -48 -49 -51 -51 -51

Postmactor three disposinty he parchased from the Third Assolsant Framework theoretal by sensiting a postal number order (no office forms of memory is accepted) for ag cents. A many showing the some many be purchased for seconds, and as there are 1,500 squares manyed the sender must indicate the postoffice to be used where undertugglish many.

No Registration .- As fourth-class matter cannot be

tivery. In payment of an extra cent per package as return receipt will be delivered.

Forecasting of Pareix.—Pareotts may be rounded and an extra receipt with the second of the pareix of the second of the second

FOREIGN PARCEL POST.

Parcels for Alaska, Hawaiian Islands, Philip-Parcels for Alsaka, Hawaiian Islanda, Philip-pine Islands, Guam, U.S. Postal Agency at Shanghai (China), Tutulia and other Samoan possessions of the U.S., and the Panama Canal Zone, are maliable at the rate of racents for the first pound and is cents for each additional pound or fraction thereof, except that parcels

Rate of Postage.—The rate of postage on parcels (which must be sent in unsealed packages) to the following countries is re-cents a pound or fraction of a pound, and the postage

mum length of 3 feet 6 inches, and to a maximum of 6 feet length and girth combined (except in the case of Colombia and Mexico, where the maximum dimensions are z feet one way and

Limit of Weight .- The limit of weight to all

Registration.—Inc see is to cents, which mass-be prepaid. The limit of value is \$50 for packages for Ecuador; to other places there is no limit of value. The sender will receive a "Return Receipt" when envelope or wrapper is marked "Return Receipt required." Parcels to places marked with an asterisk (*) in the

POSTAL SAVINGS BANKS

This postal savings banks system was created by the law of ag June, spot. Interest at a per the deposition range at the convert his de-posit, in multiples of \$500, into \$500 per cent, government postal bonds. Postal savings banks funds are deposited by the Board of Trustees in designated national and state banks at \$600 per the company of the control of the control of the concent. interest, or are invested in Government bonds. Postal savings cards and stamps for

The system was inastructed experimentally on Jan., 1911, when 48 second-class postoffices, one in each State, were designated as depositories in operation; on 30 June, 1911, there were 400 depositories in operation; on 30 June, 1912, 1919, The system was inaugurated experimentally

On 30 June, 1912, there were 12,918 depositors with \$677,145 to their credit; on 30 June, 1912, 43,80r depositors with \$20,237,084 to their credit; on 30 June, 1913, 331,006 depositors with 183,3818,800 to their credit; on 30 June, 1914, 1914

OF THE UNITED STATES.

386 gra depositors with \$67,444,572 to their ordell,

386 gra depositors with \$67,444,572 to their ordell,

781 grass in 1913, and \$11.48 in 1914.

The nut profit to the Postal Service on the
operation of the system to 30 June, 1914.

82 grass in 1913, and \$11.48 in 1914.

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- 1	WHEN MONEY D	OUBLES.
e per	Simplest interest.	Compound intere
2½ 3%	50 Years 40 Years 33 Years, 4 mos. 28 Years, 208 days	35 years, 1 di 28 years, 26 di 23 years, 164 di 20 years, 54 di

22 Years, 8: days

14 years, 5 mos. 14 years, 104 days 12½ years 11 years, 40 days 10 years

if years, 75 days
ix years, 327 days
to years, 89 days
g years, 2 days
g years, x6 days

RURÂL FREE DELIVERY SERVICE.			THE REGISTRY SYSTEM.				
Year	1			Year-	Year- No. of Paid Registrations.		Fees
June 30	Carriers.	Mileage.	Annual Cost.	June 30	Domestic.	Foreign.	Received.
1897 1900 1905 1906 1907 1908 1909 1911 1911 1912 1913	83 1,276 32,055 35,318 37,582 39,143 40,499 40,997 41,559 42,199 42,685	1,843 26,635 721,237 820,318 883,117 891,432 979,541 993,068 1,007,772 1,021,492 1,038,076	\$ 14,840 420,433 20,864,885 25,011,625 26,747,000 34,500,000 35,661,034 36,943,737 37,126,812 41,859,422 45,642,766	1880 1885 1890 1895 1900 1905 1909 1910 1911 1912	5,699,774 8,777,370 11,365,652 10,828,187 13,936,388 23,324,040 32,707,224 33,682,081 33,642,296 33,211,335 31,035,552	257,969 511,614 798,517 916,338 1,456,548 3,014,115 4,199,623 4,782,199 5,000,894 4,702,399 5,112,750	\$ 595.774 928.898 1,216,417 939.562 1,231,435 2,107,052 2,952,548 3,564,319 3,794,373 3,794,630 2,466,257

CABLE RATES.

These rates are from New York City. The address and signature are included in the chargeable

15 letters, every additional	05	the fraction of ve letters wi	ill be c	counted as a word.	
15 letters, every additional	15 01	Don	Word.	Pro:	Word.
Per	Word.	Other Man	Fo. 42	Philippine Telenda-	
Abyssinia	\$0.04	GIDFAIGAT	.36	Manilla	Cr. 72
Algeria	.32	Greece	.30		
Antigua		Guatemala		Porto Rico	
Argentina		Havana			
Austria	-32	Hayti80 to	1.30	Portugal	
Australia		Holland		Rumania	• •34
Barbados		Honolulu		Russia (Europe)	43
Belgium	.25	Hungary		,, (Asia)	
Bermuda		Iceland		Santo Domingo	
Bolivia	. 65	India		Serbia	
Brazil70 to	1.36	Italy			
Bulgaria		Jamaica		Siam	
Burmah		Japan	1.33	Singapore	94
Callao (Peru)		Java	1-13	South Africa (British)	80
Ceylon		Korea (Seoul)	1.33	Spain	31
		Malta		St. Thomas	90
Chile		Martinique		Sweden	
China		Matanzas		Switzerland	
Cochin China		Mexico City\$1.75 10			
Colon		Nassau (Bahamas)	20100	Trinidad	
Cyprus		New Zealand		Turkey (Europe)	3
Demerara					
Denmark		Norway	•35	United Kingdom	
Ecuador		Panama			
Egypt		Paraguay		Uruguay	
France	.25	Penang	94	Venezuela	
Germany	25	Peru	65	Vera Cruz\$1.75 10	o mora

STATISTICS OF CHIEF TELEPHONE SYSTEMS, 1912.						
	Bell System,	All Others.	Total.			
Number of systems Miles of single wis- Miles of single wis- Miles of public exchanges Number of public exchanges Number of telephones Rounder of telephone	176 15,133,186 353,422 5,853 5,087,027 9,133,226,836 \$206,130,830 \$163,024,205 \$43,106,725 \$29,709,841	3,886,205 318,264 5,662 2,839,721 4,602,431,409 \$48,950,404 \$40,730,804 \$8,319,600 \$4,410,968	1,916 19,019,391 671,686 11,515 7,326,748 13,735,658,245 \$255,081,234 \$203,754,909 \$51,326,325 \$34,820,809			
Salaried employees : Number :	31,435 \$27,004,837	7,318 \$5,676,645	38,753 \$32,68x,48a			
Wage earners: Average number	110,468	34,140	144,608			

MONEY ORDER SYSTEM OF THE UNITED STATES. FOREIGN MONEY ORDERS.

					EY OR				
The	fees fe	or :	Domest	ie	Money	Orde	ers	are	2
llow									
					1.30		3	cent	3
bove	\$2.50	to	\$5.00		······		5	- 12	
	5.00	to					8	22	
22	10.00						IO	22	
33	20.00						12		
2.5	30.00						15		

75.00

Orders on Domestic Form are payable anywhere in the U.S. or Territories and Insular Possessions of the U.S., in the Panama Canal Zone, and at the U.S. postal agency at Shanghai (china). Also at places in the following countries :-

Montserrat.

Dominica. Grenada.

Year	Offices.	Orders Issued and Fees Paid.						
lune 30	Number	Number.	Amount.	Fees.				
1865 1870 1875 1880 1885 1890 1895	419 1,694 3,404 4,829 7,056 9,382 19,691 29,649 36,832	74,277 1,671,253 5,006,323 7,240,537 7,725,893 10,624,727 22,031,120 32,060,983 53,379,327	\$ 1,360,123 34,054,185 77,431,252 170,352,819 117,858,931 114,362,757 156,709,090 2386,921,010 336,903,434	\$ 11,5; #35,4; 493,0; 916,4; 923,9; 950,7; 1,291,2; 1,914,7				
1905 1907 1908	37,444 37,572 43,313	58,461,353 62,069,783 64,864,570	444.515.791 479.650,343 498,699.637	3,557,1 3,805,3 3,949,0				

GREAT SHIP CANALS OF THE WO

Kronstadt-St. Petersburgh (Russia)..... Elbe and Trave Germany Kaiser Wilhelm or Kiel (Germany)† Manchester Ship (England).....

Not exceeding Sto Above Sig to 20 30 to 40 to 70 to 80 to 90

The countries in which Foreign Money Orders are payable are shown in the following list:—

Bolivia. Cape Province.

FOREIGN MONEY ORDER SYSTEM.

Year	Orders Issued and Fees Paid.						
June 30	Number.	Amount.	Fees.				
1905 1906 1907 1908 1909	2,163,098 2,634,738 3,179,511 3,230,815 3,175,014	\$ 42,503,246 57,204,607 77:252,907 81,502,011 69,317,899	\$ 656,577				
1910 1911 1912 1913	3,832,318 4,060,431 3,708,773 3,850,310	89,558,299 97,681,211 86,095,404 90,703,205	837,320 1,089,453 1,235,482 1,295,607				

LD.	Width.*	
24	91,285,920	1,333,695
io	90,703,205	1,295,607
73	86,095,404	1,235,482
31	97,681,211	1,089,453
18	89,558,299	837,320
14	69,317,899	656,577
15	81,502,011	***
II.	77:252,907	***
38	57,204,607	***
8	42,503,246	

812. 88.	feet.	feet.	Cost.
	26.32	72	\$5,000,000
	20.20	220	10,000,000
	10	72	5,831,000
	45	150	94,818,000
5	26	120	75,000,000
'5	45	300	375,000,00
6	22	100	10,000,00
II	20'25	142	2,791,87

PATENTS, TRADE-MARKS, AND COPYRIGHTS.

Inventions and Discoveries may be protected throughout the U.S. for zy years by the inventor or discovere making a signed application to the Commissioner of Patents, Washington, D.C.

Filing each original application \$15

Issuing each original patent 20

Application for reissue of a patent 30

TRADE-MARKS.

The Owner of a Trade-Mark may obtain registration for such trade-mark for so years by filing in the Patent Office an application therefor, in writing, addressed to the Commissioner of

No trade-mark will be registered which con-

nation, or which consists of or comprises any design or picture that has been adopted by any fraternal society as its emblem, or of any name,

Copyright for 28 years in the U.S. and in prac-tically every civilized country in the world may be obtained from the Copyright Office, Library of Congress, Washington, D.C., and may be renewed for a further term of 28 years (making 56 years in all) within one year of the expiration

The subject matter of Copyright is shown in the following list of application forms issued by the Copyright Office:—

Ar. Book by cutzen or resident of the u.s.
As for. Book by citizen or resident of a foreign
country, but manufactured in the U.S.
As. Edition printed in the U.S. of a book originally published abroad in English.
Book by foreign author in foreign language.
As As integrin. Book published abroad in the
English language.

Contribution to a newspaper or periodical.

Periodical, Registration of single issue.

Periodical, General application and de-

Published dramatic composition.

Musical composition not reproduced for sale. Published map. Work of art (painting, drawing, or sculp-

Drawing or plastic work of a scientific or

For Works reproduced in Copies for Sale .-Publish the work with the copyright notice. The notice may be in the form "Copyright, 19 ...

2. Send to the Copyright Office, Library of Congress, Washington, D.C., promptly after

of \$r.
Note.—In the case of books, the copies deposited must be accompanied by an affidavit, under the official seal of an officer authorized to foreign origin in a language or languages other

he manuactured in the United States.

In the case of contributions to periodicals, one complete copy of the periodical containing the contribution must be sent with application and fee. No affidavit is required.

For Works not Reproduced in Copies for Sale.—

complete copy of such work if it be a lecture or the work be a motion picture other than a photoplay; or of a photograph or other identi-fying reproductions thereof, if it be a work of art or a plastic work or drawing. But the copy-right proprietor must deposit copies if the work

In the case of a periodical the notice should upon its title page or the first page of music.

One notice of copyright in each number of a newspaper or periodical published suffices.

Remittances should be made by Money Order, payable to the Register of Copyrights. Postage Stamps and Checks will not be accepted:

PATENTS AND TRADE MARKS.

	_									
Calendar	Number of First Patent and Certificate issued in each Calendar Year.				Number of Patents and Certificates of Registration issued during each Calendar Year.					
Year.	Patent.	Design.	Reissue.	Trade Mark.	Patents.	Designs.	Reissues.	Total Patents.	Trade Marks.	Total Cer- tificates.
1909 1910 1911 1912 1913	945,010 980,178 1,013,095 1,049,326 1,083,267	40,424 41,063 42,073 43,415 45,098	13,066 13,189 13,346 13,504 13,668	72,083 76,267 80 506 84,711 89,731 94,796	3 ⁶ ,574 35,168 32,917 36,231 33,941 39,945	687 639 1,010 1,342 1,683 1,715	160 123 157 158 164 190	37,421 35,930 34,084 37,731 35,788 41,850	4,184 4,239 4,205 5,020 5,065 6,817	4,824 4,729 5,112 6,011 6,063 7,874

WEIGHTS AND MEASURES OF THE UNITED STATES.

Apothecaries' Weight.

20 grains (gr.) = z scruple (sc.). 3 scruples = z dram (dr.). 8 drams = z ounce (gr.).

Avoirdupois Weight.

16 drams = 1 ounce (ez. Av.)

z short ton = z,000 pounds (Ar.). I long ton = 2,240 pounds (Ac.).

Troy Weight.

24 grains = 1 pennyweight (prot.). 20 pennyweights = 1 ounce (oz. Tr.). 12 ounces = 1 pound (lb. Tr.).

Circular Measure.

60 seconds (") = x minute ('). 60 minutes = z degree (°).
30 degrees = z sign.

390eterics 55 2 strictle, or circumference.
Diameter of circle X 3146 = circumference.
Diameter squared X 7654 = area of circle.
Diameter squared X 3 146 = suit of sphere.
Diameter cubed X 3146 = shiftly of sphere.
One degree of circumference X 573 = radius.
Diameter of cylinder X 3146 > product by

length or height, gives the surface.

Diameter squared × '7854; product by length or height, gives solid content.

Cubic Measure.

1.728 cubic inches = 1 cubic foot. 27 cubic feet = x cubic yard.
A cord of wood is 128 cubic feet, 8 feet long.
4 feet wide, and 4 feet high.

Dry Measure.

Electrical Measures.

It is customary to express electrical measures in terms of units, and the value of these units has been fixed by International agreement. The OHM (R.), the unit of resistance, is the resistance offered to an unvarying electric current by a column of mercury, at the temperature of melting ice, xx-4xxxx grams in mass, of a constant cross-sectional area of r-cooks

square millimeters, and of a length of ro6:3

The AMPERE (C.), the unit of current, is the

deposits silver at the rate of o'comis of a gram

produce a current of one simpere.

The COULOMB (Q.), the unit of quantity, is the amount of electricity transferred by a current of

lent to energy expended in one second by one ampère current in one ohm of resistance.

The WATT (Pw.), the unit of power, is equivasecond. A kilowatt is roop watts.

Specific Gravities.

the tenght of t	01071000	er directorità eà rettros	
Alcohol	0"79	Milk	1'0
Aluminium	2'67	Oil, Olive	0.0
Basalt	2'86	Petroleum	0.8
Beer	1'02	Platinum	21'4
Blood	1.00	Sand, river	X'Q
Brandy	0'84	" pit	1.8
Brass	8.00	Shingle	1.6
('halk	1.80	Silver	10'5
Cider	1.03	Sodium	0'0
Clay	1'00	Steel	2.2
Coal	1'24	Tin	7'2
Cork	0'24	Turpentine	ó'8
Earth	1.60	Urine	1'0
Glycerine	1'26	WATER	I'O
Gold	10,35	Wine, Bordeaux	0'9
Gravel, coarse	1'85	Wood:-	
Iridium	33,38	Cedar	0.6
Iron, cast	7'20	· Cherry	0'7
" wrought	7.29	Ebony	1.3
Lead	11.32	Poplar	0.3
Limestone	2'50	Walnut	0.6
Marble	3,20	Beech	0"8
Marl	1,00	Zinc	7'1
Mercury			

To find the weight of a cubic foot of any of above substances multiply 62 321 lb. by the specific gravity, and the result will be in lb. av. per cubic foot. To find the bulk of one long ton of any of the above substances, divide 35.943 by the specific gravity, and the result will be in

Geographical Measures.

The North and South Poles are two points at

to the Equator. The circles of Longitude are to the Equator. The circles of Longitude are great circles perpendicular to the Equator, and passing through the North and South Poles. These circles are divided into Degrees, Minutes, and Seconds. The 180 Degrees of Latitude are numbered from o at the Equator to go at the North and South Poles. The 360 Degrees of

meet at 180. A Geographical Mile is the length of one minute increases from 6,046 feet at the length of the geographical mile is 6,076 8 feet. The length of one minute of Longitude is 6,087 a

The polar diameter of the Earth is 7.800 miles.

Liquid Measure.

gills = x pint.

Long Measure.

40 rods = x furlong 8 furlongs = r mile (1260 vards, or 5280 feet). 3 miles = 1 league.

Mariner's Measure.

6080 feet = I nautical mile.

fo8z 66 feet = z knot. Paper and Book Measure.

sa sheets = z quire.

Sizes of Pri	inti	un Pa	pe		
Foolscap	=	17	×	131/2	inches
Crown	=	30	×	15	
Poet	-	20	×	16	
Demy	=	331/2	×	17	30
Medfum	==	24	×	19	23
Royal	222	35	×	20	23
Super Post	==	35	×	151/2	
Double Foolscap	===	37.	×	17.	12
Super Royal	=	371/2	×	201/2	22
Double Crown	=	30	×	30	25
Imperial	=	30	×	22	
Columbia	Ξ	341/2		231/2	
Atlas		36	×	26	29
Double Post	==	40	×	38	20

Demy 18mo	= 5	4 X	33/4	inche
Foolscap 8vo	= 61	× ×	41/4	22
Crown 8vo	= 71	6 X	5	- 11
Large Crown 8vo	= 8	×	51/4	23

Demy 8yo	==	8%	×	558	inches.
Medium 8vo	=	91/2	×	6 -	22
Royal 8vo	==	IO	×	51/4	22
Super Royal 8vo	=	201/4	×	51/8	23
Imperial 8vo	===	II	×	73/2	
Foolscap 4to	=	81/2	×	65	
Crown 4to	=	IO	×	71/3	
Demy Ato	===	221/4	×	8%	
Royal 4to	=	121/2	×	IO	27
Imperial 4to	===	15	×	II	
Crown Folio	=	15	×	TO	
Demy Folio	=	171/2	X	EE2/	
Royal Folio	===	20	×	12/	
Music"	=	14	×	- EO1/	

Ship Measurement.

The Ton-measurement of cargo was originally the space occupied by 4 hogsheads (= a Tun) of wine = 50 cubic feet. It is now 40 cubic feet.

The Ton-register, the unit of capacity of a ship, was originally the space occupied by a Last cubic space is the Ton-register used by all

Speed of Ships.

The Knot is a measure of speed of ships; the expression "15 knots" indicates that the vessel in question is capable of steaming or sailing in question is capable of steaming or sailing its nautical miles in one hour. The Nautical Mile = 6,080 feet (the Statute Mile being 5,280 feet, and the Geographical Mile 6,0768 feet. The following table shows the equivalents of 1 to

Knots.	Miles.	Knots.	Miles.	Knots.	Miles.
1 2 3 4 56	1'1515 2'3030 3'4545 4'6060 5'7575 6'9090 8'0606	12 13 14 15 16 17	13'8181 14'9696 16'1212 17'3737 18'4243 19'5757	23 24 25 26 27 28 28	26'4848 27'6363 28'7878 29'9393 31'0908 32'2424 33'3939
7 8 9 10	0,3636 31,2121 30,3636 31,2121	19 30 21 32	20'7272 21'8787 23'0303 24'1818 25'3333	30 31 32 33	33 3939 34 5454 35 6969 36 8484 37 9999

The Visible Horizon. The greatest distance at which an object at seashows the approximate range of vision at

39 ½ 32 ½ 59 ½ 825 93%

Objects which are themselves raised above the level are visible at proportionately

Square Measure.

144 square inches = 1 square foot

301/ square yards = x square rod or perch.

4 roods = x acre (4,840 square yards).
640 acres = x square mile (3,097,600 square yards).
6 × 6 (=36) square miles = x township.

Surveyor's Measure. 7'92 inches = r link.

Temperature Measures. Variations of temperature are measured by thermometers, which are graduated on three

The Keaumur thermometer.

The Keaumur thermometer.

In the Fahrenheit thermometer the distance from the freezing point of water to the boiling point is divided into as degrees. The freezing point is divided into as degrees.

point is marked o?, and the boiling point 8o'.

To convert Centigrade degrees to Fahrenheit, multiply by 9, divide by 5, and add 32°.

To convert Réaumur degrees to Fabrenheit.

To convert Keaumur degrees to Fahrenheit, muilbylb yn, divide by 4, and add 3x². For example — so × \(t + y_2 = 68^2 \) Fahrenheit. On onvert Fahrenheit degrees to Centigrade, subtract 2x², muitpylb yr 3 and divide by 2. To convert Fahrenheit degrees to Ecaumur, subtract 2x², muitpylb yr 3 and divide by 3. To convert Fahrenheit degrees to Ecaumur, subtract 2x², muitpylb yr 3 and divide by 3. To convert Fahrenheit degrees to Ecaumur, subtract 2x², muitpylb yr 4 and divide by 3.

68° Fahrenheit = 1 (68 - 32) = 20° Centigrade.
77° Fahrenheit = 1 (77 - 32) = 20° Réaumur.
To convert Centigrade degrees to Réaumur.

To convert Centigrade degrees to Keaumur degrees, multiply by 4 and divide by 5.

To convert Réaumur degrees to Centigrade degrees, multiply by 5 and divide by 4.

For example:

ao Centigrade = so × \$ = 16° Réaumur.

so Réaumur = so × \$ = 20° Centigrade.

Time Measures.

60 seconds = z minute.
60 minutes = z hour.
24 hours = z day.
365 days = z year.

Measurements of time are based on the time Measurements of time are based on the time taken by the earth to revolve round the carth; and by the arth to revolve round the carth; and by the earth to revolve round the sun. As these motions are not exactly commensurable with one another, it has been necessary to adopt average or mean intervals of time for ordinary use.

Of these the first is the Day, which commences at midnight and is divided into 24 hours.

counted from midnight up to rs at noon, and

The Astronomical Day commences at noon, and is counted up to 24 hours at the following With the Jews and Muhammadans the day

to the previous day in the ordinary calendar, and to the succeeding day in the Jewish and Muham-

The Week is a period of 7 days.

mately the twelfth part of a year, but the length of the different months varies as follows:—

January, March, May, July, August, October, and December have each 3r days.

April, June, September, and November have

each 30 days. February has 28 days, except in leap year, when it has 29 days.

The Jews and Muhammadans use the lunar moon takes to revolve round the earth. The month commences, not at true new moon, but at sunset of the day when the new moon is first seen after sunset. The length of the lunar month varies; so the Jewish and Muhammadan months have sometimes 30 and sometimes ag

The Year is the length of time that the earth which is 362-4248 mean days. The ordinary year is taken as 365 days, and every fourth year, called Leap 1 ear, has 366 days. Every year the date of which is divisible by 4, without remainder, is leap year. But the last year of each century that is not divisible by 400 without eminder that is not alvisible by 400 without remainder is not a leap year. For example, the year 1900 had only 355 days. The Muhammadan year always consists of twelve lunar months, and is sometimes 354 and

sometimes 355 days in length.

Time and Watch on Board Ship.

TIME.—Time 35 kept by means of "Bells," although there is but one bell on the ship, and to strike the clapper properly against the bell requires some skili.

First, two strokes of the clapper at the inter

ral of a second, then an interval of two seconds; then two more strokes with a second's interval apart, then a rest of two seconds; thus "Seven

Bell, one second; B., two secs.; B. s.; B. ss. B. s.; B. ss.; B.

The bell is struck every half hour. In the

at noon. In the afternoon z bell sounds at za_op_nm. and 8 hells at 4 p.m., after which is the First Dop Watch (x bell 4.50. a bells 5.0. bells 5.30. 4 bells 6.0) and the Second Dog Watch (x bell 6.50. a bells 7.0. 3 bells 7.30. 8 hells 8.0.), and thence r bell at 8.30 to 8 bells at midnight

WATCH.—For purposes of discipline, and to divide the work fairly, the crew is mustered in two divisions—the Starboard (right side, looking forward) and the Port (left). The day com-

Afternoon Watch		noon to 4 p.m.
First Dog ,,		4 p.m. to 6 p.m.
Second Dog "		6 p.m. to 8 p.m.
First "		8 p.m. to midnight.
Middle 11		12 a.m. to 4 a.m.
Morning 21		4 a.m. to 8 a.m.

This makes seven WATCHES, which enables the crew to keep them alternately, as the Watch

3 . 3 TTT ... C.

	Dynamica ii	no ameger	
Descriptive Number.	Equivalent in parts of an inch.	Descriptive Number.	Equivalent in parts of an inch.
7/0 6/0 6/0 4/0 2/0 0 1 2 3 4 5 6 7 8 9 10 11 13 14 15 15 19 19 19 19 19 19 19 19 19 19 19 19 19	0.500 464 433 400 372 348 378 334 378 378 378 377 160 144 120 144 120 166 172 174 44 120 36 77 44 40 36 36 36 36 0.008	#3 #45 #5 #6 #9 #9 #9 #9 #9 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	0'024 81 0'024 105 0'024 106 106 106 107 107 108 108 108 108 108 108

BRITISH WEIGHTS AND MEASURES.

The Weights and Measures of Great Britain are the same as those of the U.S., with the following exceptions:—
The Bushel of grain = s,az8 a cubic inches as

against the z,zo-4z cubic inches of the U.S. bushel, and the dry gallon = zyy-3 cubic inches against z68.8 cubic inches of the U.S.

The Liquid Gallon contains 160 English fluid ounces, and its measurement is 277'3 cubic inches against 221 cubic inches of the U.S. liquid

The Ton is the Long Ton of 2,240 lb. made up as follows: 28 lb. = x quarter; 4 quarters = x hundredweight (xxx lb.); 20 hundredweight = x

ton (2,240 lb.). Tables for the conversion of U.S. and British Bushels, Liquid Gallons and Tons will be found on page 245, headed: "Double Conversion Tables

for Weights and Measures."

Vergée (Normandy	o creez.	Guctavoji
rood) ==		'4 acre.
Bushel ====================================	8.9 gallons	5'8 gallons.
Cwt(104 lb.) =	7,301 granns	(100 lb.) =
0.041 1101111111111111111111111111111111		vo8to lb

British India.
Guz, usually 33 inches; also the yard.
Bigha (Bengal)usually = '625 acre
Cawny (Madras) ,; = 1'33 ,1
Tola (rupee-weight) = r80 grains
Seer. 80 tolas = 2 lb. 1 0Z,
Maund, 40 seers = 82 a8 lb.
(Madras) = 24 68 lb.
Candy = 500 lb.
Visham = 3 lb. : Dangali = 3 pints.
Perah = x5 gallons
Cathy (Singapore) = 11/2 lb.
Dilant rea cattles - rea lb

South Africa.

Rod. vs Rhineland feet = xs 256 feet. Cental, and short ton of 2,000 lh Anker nearly 8 gallons.

Hendazi Pik = 25'7 inches.

Nile Pik = zr'a8 inches. Fedden = % acre. Oka = a ya lb. av.; Rottolo = o 98 lb. av. *Cantar = 100 Rottolo = 98 av.

Ardeb = 5'317 U.S. bushels. Wheat ardeb = 5'001 bushels.

The Cubit was the length of the forearm from divided into a paints or manu-oresums; the Hand, still used for measuring horses, was 4 inches. The Ell also varied. The English Ell was 45 inches; the Scottish Ell was 37 inches. The Statute Mile and the Statute Acre are

The Statute Aims and the Statute Aims are based on the Statute Perch of 5½ yards. The Mile is 320 perches (1,760 yards), and the Acre to square perches (4,800 square yards). In former times other miles and acres, based on different perches, were also used, among which were the following:—

The Scottish Mile was 300 falls or Scottish perches, each of 6 Scottish ells (1,984 yards). Eight Scottish Miles were equal to 9 Statute

The Irish Mile was 230 Irish perches, each of 7 yards (2,240 yards). II Irish Miles were equal to 14 Statute Miles.

The Scottish Acre contained 160 falls, or square

The Cunningham Acre contained 160 square perches, the perch being 6½ yards (6.350 square yards). It was equal to 1'29 Statute Acre.

The Irish Acre contained 160 square Irish

perches (7,840 square yards). It was a little more than 14 Statute Acre.

The Cheshire Acre contained 160 square perches.

each perch being 8 yards (10,240 square yards).

some counties the hide was called a carucate, which was divided into eight boyates. In the time of Domesday Book (A.D. 2086) a hide was worth, on the average, \$5 per annum; a knight's fee was usually five hides.

METRIC WEIGHTS AND MEASURES.

Tables for the conversion of U.S. and Metric Weights and Measures will be found on page age, headed: "Double Conversion Tables tor Weights and Measures."
In the Metric system, the standard of length is the Metric system, the standard of the Kiloyrum,

ro millimeters := r centimeter = 0'3937 inch. zo centimeters = r decimeter = o'228084 foot

zo dekameters = x hectometer = 6'407x furlong. zo hectometers = 1 kilometer = 0'62127 mile.

zo milligrams = z centigram = o'z542 grain.

= 1'5438

= x hectogram = 3'5274 ...

= x KiloGRAM = x zoq6zz lb. av. (kg.) (= x 679zz lb. troy.) = x myriagram = zo oq6zz lb. av. = x quintal (q.) = zo oq6zz lb. av. = x tonne (t.) = o o98zz long ton

= x centiliter ' = o'338 fluid oz.

= x deciliter(dl.)= o 845 gill.

= 1 hectoliter = 26'417

4 .- MEASURES OF LAND. 100 sq. meters = 1 are (a.) = 1 are (a.) = 0'0988 rood. = 1 hectare(ha.) = 2'4711 acres.

FOREIGN WEIGHTS AND MEASURES. The Metric System (which see) has been adopted

Tolse of 6 feet; Foot = 12.789 in. Aune (ell) of 4 Roman feet = 46.77 in. League, 3,000 tolses = 3.6 miles. Perch, 22 feet or 6 sunes = 23.44 ft. Arpent, 100 sq. perches = 1'26 acres.

Arpelu, 100 sq. percines = 1 2 acces. Pound = 7,554 avoirdupois grains. Setier = 41 284 U.S. gallons; Boisseau (1/2) = 3 432 U.S. gallons. Pinte = 2 2 U.S. pints.

Hebrew Measures. Common Egyptian Cubit = 18 24 in.; Cubit of

Common agyptan Cubic = 10-24 in.; Cubit of Talimud = 27-34 in.; Cubit of Ezekiel = 25-36 in.; Reed = 751-6 in. Cubit of Ezekiel = 25-36 in.; Reed = 751-6 in. Kikkar (Alexn. talent) = 50 minas of 50 shekels. Shekel = ½ 02., of 8 gerah, or (Shekel of the Sanctuary) of a beks, 4 rebs, so gerah, Bath (fluid), Epha (corn) = 7-776 U.S. gallons, of

6 hin, 18 cab, 72 log.

Cor or Homer (10 ephas) = 8 351 bushels.

The Talmudic cubit is exactly & millionth of

Old Spanish Measures.

Arobe (Paraguay) = 25 lb.

Arroba, dry (Argentina) = 25 3272 lb.

(Cuba) = 25 3664 lb.

(Yenezuels) = 25 4024 lb.

Arroba, liquid (Cuba and Venezuels) = 4 263 galls.

Barril (Argentina and Mexico) = 20 0787 galls.

Carga (Mexico and Salvador) = 300 lb.

Centaro (Central America) = 4 2632 galls.

; square (Paraguay) = 80 y yac.
; square (Paraguay) = 8 0 y yac.
; square (Paraguay) = 8 0 y yac.
Fanega, dry (Central America) = 1 5745 bushls.
; (Chile) = 2 575 bushls.
; (Cuba) = 1 599 bushls.

(Mexico) = 1.54728 bushls. (Urugusy) = 3.888 bushls. (Venezuela) = 1.599 bushls. Frasco (Argentina) = 2 5096 qts , (Mexico) = 2 5 qts.

League, land (Paraguay) = 4,633 acres, Libra (Argentina) = 1 o157 lb. ... (Central America) = 1 o43 lb.

Miscellaneous Weights and Measures-Interest Tables.

Libra (Peru) = 1'0143 lb (Urugusy) = x'ox43 lb. (Venezuels) = x'ox6x lb.

246

Lavre (Guiana) = 1'0791 lb. Manzana (Costa Rica) = 1'5-6 acres.

Marc (Bolivia) = o'soz lb.

Marc (Bolivia) = 6°59'18
Pie (Argentina) = 6°59'18
Quintal (Argentina) = 10r'42'1b.
(Chile, Mexico and Peru) = 10r'61'lb.
(Paraguay) = 100 lb.

Suerie (Uruguay) = 2'700 cuadras. Vara (Argentina) = 34 '1208 inches. (Central America) = 33'347 inches. (Chile and Peru) = 33'357 inches.

(Cuba) = 33'384 inches.

(Mexico) = 33 inches. (Paraguay) = 34 inches. (Venezuela) = 33.384 inches.

Vara (Texas, N. Mex., Ariz, & Cal.)=33% inches. 5.645 376 Square Varas=1 acre. 1,000,000 Square Varas (1 labor)=177.136 acres.
25,000,000 Square Varas (1 league) =4428.4 acres.
2,612,800 Square Varas (1 section)=640 acres.

Arroba = 25.36 lb. av.

Caban = 21 ogs gallons. Catty (16 tael) = 1 304 lb. av. Gantah = 0 8796 gallons. Libra (16 onzo) = 1 or44 lb. av. Picul (100 catty) = 139'482 lb. av.

Pie = 11 125 inches Pulgava = 0'927 inch.

Vara = 33'375 inches.

Old Portuguese Measures,

Old Portuguese weights and measures are i

Almuda = 4.42 gallons.
Alqueira (Bahia) = 845 bushel.
Alqueira (Rio) = 1.134 bushels.

Arratel = x'oxx8 lb. av. Arroba = 32'379 lb. av.

Braca = 2'430 yards.

Braca = 2'430 yards.

Square Braca = 5'906 sq. yards.

Canada (Rio) = 2'928 quarts.

Covado = 26'247 inches.

Estadio = 285 235 yards.
Estadio = 285 235 yards.
Eanga = 1 370 bushels.
Geira = 1 476 acres.
Legoa = 3 889 miles.

Wilha = 1'296 miles.

Muna = 1 290 miles.

Ottavo = 456 gallon.

Ottavo = 55'335 Tr. grains.

Onca = 442'65 Tr. grains.

Pollegada = 13'123 inches.

Pollegada (12 Linha) = 1'093 inches.

Quartitho = 736 pint. Quantitho = 736 pint. Quantat (100 Arratel) = 101 186 lb. av. Vara = 1 215 yards. Square Vara = 1 476 sq. yards.

sented by nearly 101 (long) tons over an acre of An inch of rain on the surface of an acre

(43.550 sq. feet) = 3,630 cubic feet, or x00'993 tons,

SIMPLE INTEREST ON ONE DOLLAR.

Ter	m.	Rate of Interest.						
Days		21/2%	3%	4%	5%			
	-	,00000	80000	100011	'00013			
		'00013	'00017	'00022	100027			
	3	'00020	'00025	'00033	'0004X			
	4	'00027	.00033	*00044	'00055			
	5	*00034	'00042	'00056	'00069			
	5	100040	100050	'00067	'00083			
	7	'00047	.00028	*00078	'00097			
	8	100054	100059	.00080	'ooiii			
	9	,00001	'00075	.00200	'00125			
1 3	0	*00068	.00083	IIIOO.	,00138			
	I	'00074	*00092	'00122	00152			
	12	18000°	,00100	.00133	.00166			
	3	.00088	,00108	'00X44	.00180			
	14	,00002	.00112	'00156	'00194			
	15	'00102	'00125	00107	100208			
	r6	80100	'00133	00178	.00336			
	17	00112	00142	'00200	100250			
		00122	.00128	'00211	'00263			
	19	,00130	'00167	'00222	'00277			
	21	'00142	'00175	.00233	,0050I			
	22	'00149	,00183	'00244	'00305			
	23	.00120	'00193	*00256	.00310			
1 3	24	,00163	'00200	*00267	'00333			
	25	'00170	*00208	'00278	'00347			
	25 26	'00176	*00217	*00289	*0036x			
		.00183	'00235	.00300	'00375			
1 :	27 28	,00100	'00233	,00311	.00388			
	29	'00197	100242	'00322	'00402			
	30	'00204	'00250	.00333	'00416			
	31	'00210	'00258	'00344	'00430			
Mon	ths:-	-		1				
1	I	*00208	*00250	,00333	'00416			
1	2	*00416	100500	'00667	'00833			
	3	100624	'00750	,01000	01250			
	4	.00833	'01000	'01333	'01666			
	5	101041	'01250	01667	.02083			
1		01249	01500	'02000	02500			
	7 8	01450	'02000	02333	'03333			
		01874	'02250	,03000	03333			
1	9	,02083	02500	'03333	03/50			
	II	'02201	02750	103667	'04583			
	12	'02500	03000	'04000	'05000			
			3000	1000	3000			

RULES .	FOR	COMPUTING INTEREST	ı
Rate pe	er	Multiply the princips the number of days divide by :	10 100
2		18,000	
21/2		14,400	
3		12,000	
3%			
4		9,000	
5		7,200	
6		6,000	
7		5,143	
8		4,500	
0		4,000	
10		3,600	
. 13		3,000	
**		2.400	

DOUBLE CONVERSION TABLES FOR WEIGHTS AND MEASURES.

NOTE.—The central figures in heavy type represent either of the two columns beside them, as the case may be. Examples:—I centimeter= 0.393 inch, and I inch = 2.540 centimeters. I meter

case = r	may be.	, and	1 yar	d =	o.dr4 m	eter,	393	g micii, a	ilitt & Ilit		2 540 00			
Centi- meters.	Inch	es. Me	eters.		Yards.	Kilo- meters.		Miles.	Hectares		Acres.	Squan Kilomete	16.	Square Miles
2'540	1 0'39	2 0	'014	1	1,003	1.600	1	0.621	0'404	1	2'471	2.203	1	0'386
5.080	2 078	37 I	829	2	2'187	3.318	2	1'243	0.800	2	4'942	5'184	2	0.772
7 620	3 1.18		743	3	3.380	4'827	3	1.864	1'214	3	7'433 9'884	7'776	4	1'158
10,190	5 1'90	4 3	657	4	4'374	6-437	5	3.100	2,023	5	9 004	10,300	5	1,030
12.700	6 2'30	8 4	571 486	6	5'468	9'655	6	3.298	2.428	6	14 826	12.22	1 6	2'316
15'240	7 279	2 5	400	7	17.0EE	11.362	.7	4'349	2.832	6	17'297	18'144	1 7	2.702
20,350	8 3.14		315	8	7.655 8.749	12'874	8	4.971	2'237	8	19'769	20.436	8	3.088
22'860	9 3'54	3 8	229	9	0.945	14'483	9	5'592	3'642	9	22'240	23,358	10:	3°474 3°860
25'400	10 3 93	37 9	143	10	10.036	16.093	20		4'046	10	49'422	25'920 51'840	20	7 720
50.800	30 78	74 18	287	20	32.808	32°186 48°279	30	12'427	8'093	30		77'760		11.280
76,300	40 15 7		'431 '575	40		64'372	40	24 855	16.189	40	74'134 98'845	77'760 103'680	40:	15'440
127'000	50 19 6	30	719	50	43 745 54 681	80.466	50	31,000	20'233	50	123'557	120 000	50	10,300
152'400	60 az 6:	13 54	862	60	65.617	96'559	60	37'282	24'280		148'268	155'520	60	23,160
177'800	70 27'5		'005	70	76.554	112'652	70	43'496	28.350	70	172'979	181'440	70	30.880
203,300	80 31.4	96 73	150	80	87'490	128 745	90		32°373	90	197'691	207'360	90	34 740
228.600	90 35 4	33 8a	294	90	98.426	144 838	100		40 467		247 114	259 200	100	38.601
254'00I	100 39'3	70.] 91	438 1	1001	109.363	160.032				-				
Cubic Meters.	Cubi Yard	s. Ki	logram	19.	Av. Pounds.	Kilogram	15.	Pounds.	Metric Tons.		Long Tons.	Metric Tons.		Short Tons.
0.764	1 1'3	07 0	453	1(2'204	0'373	1,	2.679	1,010	1 2	'984	0.907	2	1'102
1'520	2 2.0	15 0	360	2	4'409	0.246	2	5°358 8°037	2'038		1'968		3	3,300
3'393	3 3.9			3	6.613	1,110	4	8.037	3'048	4		3 628	4	4'409
3.028	4 5'2	31 1	1'814	4 5	8.818	1.492	5	13,386	2,080	5		4'535	5	C'SII
3.822	5 6.5	39 2	3.731	6	11'023	2'239	6	16.072	6.000			5'443	6	6.613
4'587 5'35x	7 9'1		3'175	7	15'432	2.013	7	18.754	7'112	7	5.880 6.880	6.320	7	7.716
6,116	8 10'4	63 3	628	8	17.636	2'985	8	21.433	8.138	8	7.873	7'257	8	
6-88x	9 11.7	7× 4	1.083	9	19'841	3'359	9	24'113	9'144	9		8.164	9	9'920
7'645	10 13.0	79 4	4'535	10	22'046	3 732	10	26.703	10,190			9'071	20	22.046
15'291	20 26'1	58 9	2.00.0	20	44'092	7'464	20	53'584 80'376	30'481		29'526	27'215	30	33.000
22'936	30 39'z 40' 52'3	38 13	3'607 B'143	30	66'138	11'197	40	107,160	40.645		39.368	36'287	40	44.002
30'582		27 10	1679	50	110,531	18.663	50.	133.061	50.803		40'210	45'359	50	55'115
45'873	50 65'3	26 27	7'215	60	132'277		60	160'753	60'963	66	59'052	54'430	60	66'x38
53.219	70 gr 5		1'751	70	154'323	22'394	70	187'546	71'123		68.894	63'502	70	77'161
61.164	80 104'6	35 36	5'287		176'369	29'859	80	214,338	81'284	80	78.736	72.574	80	68:184
68.810	90 1177		0.833	90	198'415	33'59I		241'130	91'444	190	88 578 98 421	90'718		99'207
76.456	100 130'7	94 45	5'359	100	220.462	37 324	100	267'923	[101 005	1100	96 421		100.	110 231
Short Tons.	Lor	8 L	itters.		Liquid Gallons	U.S. Gallons (Liquid)		English Gallons (Liquid)	U.S. Bushels		English Bushels	Hecto- liters, pe Hectare		Bushels, per Acre.
	71	-	-1-0-	. 1	0.364	1,300	1 1	0.833	1,031	1 1	0.060	0.870	1 2	1'148
1'12	1 0'8		3'785	2		3,400		1.666	2.003		1'938	1'741		2 296
2'24	3 20	104	7'570		0,205	3,001			3'004		3.dog	2,013	3	3'445
3'36	4 3'5		15 141		1,020	4'801		3'332	4'125		3'877	3.483	4	4 593
5,00		162	18.022	5	1,330	6.003		4'105	5"157		4'847	4'353	5	5'741
6.72			22 712	. 6	1'585	7,303		6 4.998	6.190		5'816	5'224	6	6:890 8:038
7'84	7 6	46 :	26.408	7	I'849	8:403		7 5.831	7 220	ı		6.002	8	0,184
8'96	8 7	39	30'283	8		9.60		8 6.664	9 28	1	8 7 755 8 724	7.836	9	10.332
10.08	9 8	31	34"068			15,004		9 7'497 0 8'330				8.707	10	11'483
11'20		348	37°854 75°708					0 16.660	20.630	2	0 10.388	17'415	20	22'967
33'60		772 1	13.265	36	7'925	36,011	1 3	0 24'990	30'94	5 3		26'123	30	34'451
44'80	40 35	506 I	51 417	7 : 20	10'556	48'017	9 4	0 33 321				34.830	50	45'935
56.00	50 44	520 X	89 271	50	13'208	60'021	t 5	41 651	51°57: 61'89	5 6		43'538 52'246	60	57'419 68'903
67'20	60 53	544 2	27'125					0 49 981		7	0 62.860	60'053	70	80'387
78.40			64 980	7				0 58 311	82 52	8 8	0 77 555	69.661	1 80	9x.87x
89.60		392 3	302 834 340 68 8	8 9				0 74 972			0 87 249	78.360	90	103 355
100.80		310 3	340 000 378 543		0 23 775 0 26 417			0 83 303			0 96.94	87 077	100	114'839
113,00	1200 09	41 13	27 243	_						_				-

MONEYS OF ALL NATIONS.

.- * Values thus marked are subject to fluctuation.

Country.	Monetary Unit.	Value of Unit. United States Currency.	Gold Coins.	Silver Coins.
Argentina	Nominal, Gold Peso of 100 Centaros Actual, Paper Peso of	\$.965	21/2 and 5 Pesos	1 Peso; 5, 10, 20 and 50 Centavos
Austria-Hungary	Krone of 100 Heller	1203	10, 20 and 100	I, 2 and 5 Kronen
Belgium	Franc of 100 Centimes	.193	Kronen 20 & 20 Francs	1, 2 and 5 France
Bolivia	Nominal, Gold Boliviano of 100 Centavos Actual, Silver Boliviano	,389	I, 31/2 and 5 Bolivianos	1, 10, 20, 50 Bol. 5 Centavos
Brazil	Of 100 Centavos Nominal, Gold Milreis Actual, Paper Milreis	*546	5,10 & 20 Milreis	1, 2 Milreis 500 Reis
British Empire :- United Kingdom	Gold Sovereign of 20 Skillings	4.866	no and so Shillings	1, 2, 21/2, 4 and 5 Shillings, 3 & 6 Pence
, Canada		1,000		1 Dollar, 5, 10, 25 and 50 Cents
Newfoundland	Silver Dollar of 100 Cents Same as United Kingdom	1,000		15 "
Jamaica	Same as United Kingdom			As U.K. except design
New Zealand Union of S. Africa	Same as United Kingdom Same as United Kingdom			As U.K. with Silver 4
India	Rupee of 16 Annas	*324		1/8, 1/4, 1/2 Rupee, Nickel,
Straits Settle-	S.S. Dollar of 100 Cents	- 567		· 1 Dollar, 5, 10, 25, 50
ments British Honduras	Gold Dollar of 100 Cents	1,000.		5, 10, 25, 50 Cents
Bulgaria		.161	10, 20, 40, 100 Lend	1, 2, 5 Leva; 50 Stotinki
Chile	Nominal, Gold Peso of 100 Centavos	- 365	5, 10, 20 Pesos	1 Peso; 5, 10, 20 Centavos
	Actual, Silver Peso of			
China	Nominal, Gold Pesa of zoo Centaros	*·738 1'000	21/2 and 5 Pesos	r Yuan; 10, 25, 50 Cents 1/2 and r Peso; r Peseta, 1/2 Peseta
	Actual, Paper Peso of			
Costa Rica	Centesimos	*465	z, 5, 10, 20 Colones	5, 10, 25, 50 Centesimos
Cuba	Centavos		No coinage	No coinage
	Spanish Gold Dollar	1,000	1	
Denmark Ecuador	. Silver Sucré of 100	*268 *487	10 & 20 Kroner 10 & 20 Sucrés	1, 2 Kroner; 10 & 25 Ore 1 Sucré; 5, 10, 40, 50 Centavos
Egypt	Gold Pound of too Piastre	4'043	£E1; 5, 10, 20, 50 Piastres	I, 2, 5, 10, so Piastres
France	. Franc of 100 Centimes	.193	10 & 20 Francs	1, 2, 5 France; 20 and 50 Centimes
Algeria	Same as France			
German Empire	Same as France Mark of zoo Pfennige	°238	so and so Mark	z, z, 3, 5 Mark;
Greece	Nominal, Drachma of	*193	5, 10, 20 Drachmas	1, 2, 5 Drachmae; 20, 50 Lepta
: Guatemala	Actual, Paper Drachma Nominal, Silver Pess of	'451	5 and 10 Peros	
	Actual, Paper Peso			
Haiti	Nominal, Gold Gourds of 100 Centavo	'965	1, 2, 5, 10 Gourdes	1 Gourde; 5, 10, 20, 50 Centaros
	Actual, Paper Gourde			***

Country,	Money Suit.	Vaine of Fult. United States Carrancy.	Gold Coins	Silver Coins.
Hond .ras	miner Peacet sos	\$.452	-	1 Peso; 5, 10, 25, 50
Italy	Live of see Centerious	*193 .	5, 10, 20, 50 Lire	1, 2, 5 Live; 50 Centesims
Japan	GIII Fen of soc Ben	-498	5, to, 20 Yen	10, 20, 50 1814
Korea	Go. 1 Won of see Chon		5, 10, 20 Work	10, 20, 50 Chon
Laporta	This borner of son Gents	1.000		10, 25, 50 Cents
Laboration	Franc = 80 Pfennigs	793	- 1	
9 11.02	Nosinal init bours it	. 10g	5, to Dollars	z Dollar; 5, 20, 20, 50
	Actual, Eliver Inflar	193	20 le 100 France	=
Montenegro	Perper=Austrian Krone	- 'seg		
Netherlands	Gold Forms of Gulden	-403	to Plorins	1 1, 2 5 Floring : 5, 10, 25 Cents
Cutação	Same as Notherlands	1966		
Nicaragua	Secretary Street President	1451		5, 10, 20, 50 Centaris
Notway	Actival Paper Paper	1268	5, 10, 20 Eroner	1, 2Kroner; 10, 25, 500rer
Panama	Gold Ballon of a Pesos	1.000	1, 2 1/2, 5, 10, 20 Balboas	z Peso; 5, 10, 40, 50 Cents
Paragnay	Silver Pero of 200	476	-	r Pero ; 5, to so Centaros
Persia	Stree Eron at an Shahu	150	%. 2 Toman(20 Kran): 2 Kran	%, 12, 1, 2 Kran
Peru	Libra of 10 Siles (= too Dineros = 1000	4:366	1 55 x Libra	1, 12, x Sol; 1/2, x Dinero;
Portugal	Nominal, Grid Esculo	1.080	da, da de Coroa	1 Milveis. 16, 1. 2. 5 Teston
Portugueselindia	Actual, Paper Escudo Indian Emper = 400 Reis	*34	-	7
Rumania	Gold Leviel too Bank	793	100, 127/2, 20, 25,	1, 2, 5 Lei ; 50 Bani
Susais	Gold Rouble of son	.215	5. 752, 10, 15 Roubles	1 Rouble: 5, 10, 15, 20 25, 50 Kopecks
Brailerd	Pennin	1193	10, 20 Markin	1, 2, Markka; 25, 50 Pennia
Salvador	Gold Peso of 100 Centaros	1451	1, 2, 5, 10, 20 Peace	1 Peso; 5, 10, 20, 50 Centaros
	Silver Pero of soc Centson			
Serbia	Dinar of 100 Parts	193	so, so Dinars	1, 2, 5 Dinars; 50 Paras
Siam	Tical of 100 Satangs	.330	Des of so Tical	
Spain	Nominal, Silver Peseta	.183	5, 10, 20, 50 Pesetas	z, z, 5 Pesetas ; 20, 50, Centinue
Sweden	Gold Erona of 100 Ore	*268	5, 7%, 10, 20 Eronor	z, z Kronor; no, 25, 50 Ors
Switzerland	Franc of 100 Centimes	193	20 France	1, 2, 5 France; 50
Turkey	Turkish Lira of 100 Piastre	4.440	100, 250. 500 Piastres	%, 1, 2, 5, 10, 20 Piastres
United States	Gold Piastre of 40 Para Gold Dollar of 100 Cents	1.000	1, 2½, 5. 10, 20 Dollars	14, 14, 2 Dollar; 1 Dime
Philippines		1 '500	-	
Uruguay	Nominal, Gold Pero of	1.034	-	z Peso; 20, 20, 50 Centesimos
Venezuela	Actual, Silver Pero Gold Bolivar of 100 Centaro	193	5, 10, 20, 50 Bolivare	1, 2, 5 Bolivares; 20, 50 Centaros

IMPORTANT EVENTS.

PANAMA CANAL.

THE Panama Canal, which was opened to THE FRIAMS CARSI, which was opened to commerce on 15 Aug, 1914, was in use steadily throughout the following year, only a few slight interruptions to operation occurring because of landsides. The net tomage passing through 1915, was 4,404,364, of which 1,416,294 was American coast-to-coast tonnage. In the fiscal year enneu 30 June, 1915, the tonis pain by ships of all nationalities amounted to \$4.343,383, and the cost of operation was \$4.112,550. The amount expended on the canal by the United States Government in the fiscal year 1914-19 was \$25,187,042. The total amount expended up to 30 June, 1915, was \$382,252,644, of which \$138,600,869 was raised by the sale of Panama \$139.600,869 was raised by the sale of Panama Canal bonds, and \$279,477.65 was spent out of General Fund of the Treasury. Beginning as September a series of alleds occurred in the Gaillard (Culebra) Cut, which closed the canal to navigation. On 6 Oct., Major-General George W. Geethals withdrew his resignation as Governor of the Panama Canal Zone in order to devote the control of the Company of

The biggest marine disaster of the year (those occurring in the war zones or as a result of occurring in the was zolineds. Let which see under "The Great War" or under "Relations of U.S. with the Belligerents") occurred on at July at Chicago, in the Chicago River, when more than 1,200 lives were lost by the capsizing operations excluded, for which see as ner pier of the excursion steamer Resiland. Most of the victims were employees of the Western Electric Company and members of their families, who were about to go on an excursion across Lake Michigan. at Nov., 1914. Three lumber schooners were sunk in Lake Three lumber schooners were sunk in Lake Superior, with a loss of ab lives, as Nov., 1914. The steamer Honalei was wrecked of the Goldon Gate, Only the Superior with the Superior with the Superior Supe Virginia colait. as Jan., 1915. Pive of the crew of the United States cruiter Son Deloy were killed to the United States cruiter Son Deloy were killed to the States cruiter Son Deloy were killed to the States of the States Sta

storm, the ocean-going tug Edward Luckenhach sorm, he occan-going tig Edward Luckenbach was lost with 15 men, the schooner Edwa M. Smith with 5 men, and the schooner John E. Manning with 12 men, 2 May. The steamship Fictoria, of the Mexican Line, sank off the Coronado Islands, Cal., 11 lives being best. 11 July. The Cleveland lake steamer Choctave was July. The Grevland lake steamer Chicetow was weeked off Presque Iale, Lake Michigan, and at men were drowned. The United Fruit Company's steamer Maraceips, which salied the party of the steamer than the steamer than the persons on board, was not again heard from Sept. The Greek steamer Athinas, from New York for Greece, burned at Sea, the passengers and craw being rescued by the steamer? Toucnide

ar Oct., 1914. Sixty-one lives were lost through an explosion in a mine of the Franklin Coal and Coke Company at Royalton, III. 9 Dec. Fire destroyed the Edison Company's plant at West Orange. N. J., causing a loss of \$7,000,000. were left destitute. 2 March. An explosion in Mine No. 3 of the New River and Pocohonta. Consolidated Coal Company, at Layland, W. Va. entombed 18s miners; about 220 lost their lives of 4 pril. Tiften people were killed in Detroit Mich., through a collision between a street can be a consideration of the collision of the collisi Mich., through a collision between a treet ca and a freight team of the Detroit, Totelo am Ironton Raircad. 20 April. A fire in the otig or Colon, Pamaran, did \$2,000,000 damages. 23 May More than see persons, etc. in Carlille, Eng. July, Eleven persons were killed in a trolley as accident at Queenstown, Canada. A tornado in Cincinnati, Ohio, killed about so persons am inflicted \$2,000,000 damage to property, 120-July, Floxies in Southern China caused a lono. July From m southern China caused a loss of the estimated at ro, oo. 3 Aug. A flood in Erie Penn., caused a loss of twenty-six lives and property damage of from \$6,000,000 to \$7,000,000 to \$7,000,00 13 Aug. Friteen persons were knied and property damage of \$5,000,000 to \$6,000,000 was caused by a hurricane in the island of Januaica. 16 Aug About 250 persons were killed, and property damage of \$50,000,000 to \$25,000,000 was caused by a hurricane in the neighborhood of Galveston

28 Oct. Twenty-one lives were lost by a fire in St. axis, caused the death of a persons; twenty-six persons were injured. On so Nov., machine shop No. 4 of the Bethlehem Steel Company's plant at South Bethlehem, Penn., was burned, causing a loss of shout \$x,000,000; many guns intended for the use of the Allied armies were destroyed. On the same day one of the builddestroyed. On the same any one of the bund-ings of the Baldwin Locomotive Works at Eddy-stone, Del., was destroyed by fire, this plant being also engaged in the manufacture of munitions. On xx Nov. one of the shops of the Was \$750,000.

LEGISLATION BY CONGRESS, 1914-15.

Auruing Navai oili, which had already passed the Senate, and passed the combined measure by a vote of arg to rar. In the Senate this makeshift was referred to a conference commit-tee, where it died. This was the first important bill on which the Fifty-Third Congress refused to accept the guidance of the President.

The House of Representatives passed an Alien Immigration bill at the second session. It imposed a literacy test on immigrants and otherpassed it on 2 Jan. by a vote of 50 to 7. After a conference it was sent to the President, who vetoed it on 28 Jan. This veto was sustained by the House of Representatives on 4 Feb., the vote

being 261 for repassage and 136 against it.

The House of Representatives, on 22 Dec., refused to submit to the State Legislatures a refused to submit to the State Legislatures a constitutional amendment providing for rational prohibition of the sais and manufacture of production of the sais and manufacture of mission and rap against it. On 12 Jan. the House refused to submit a constitutional amendment providing for equal suffrage (voice for the said of the s

Seamen's act, approved 4 March, 1915, which greatly altered the conditions of employment countries for the purpose of compelling, foreign ship-masters to live up to new American standards and set many new requirements for safety

ection Four of the act amended Section 4,530 of the Revised Statutes of the United States so

as to read as follows:

Sec. 4530 .- Every seaman on a vessel of the demand from the master of the vessel to which he belongs one-half part of the wages which he shall have then earned at every port where such vessel, after the voyage has been commenced, shall load or deliver cargo before the voyage is ended, and all stipulations in the contract to the contrary shall be void: Provided, Such a demand shall not be made before the expiration of nor oftener than once in five days. Any failure on the part of the master to comply with this demand shall release the seaman from the remainder of the wages which shall then be the United States shall be open to such seamen

Section Nine amended Section 4,6rr of the

" Sec. 4511.-Flogging and all other forms of corporal punishment are hereby prohibited on board of any vessel, and no form of corporal punishment on board of any vessel shall be deemed justifiable, and any master or other officer thereof who shall violate the aforesaid provisions of this section, or either thereof, shall be deemed guilty of a misdemeanor, punishable by imprisonment for not less than three months demeanor, or complaint thereof is made within in damages for such flogging or corporal punish-ment to the person illegally punished by such

Section 24 made it unlawful to pay any seaman Section 24 made it unlawful to pay any seaman wages in advance of the time when he has actually serned the same, or to pay such advance wages, or to make any order, or note, or other evidence of indebteduess therefor to any other person, or to pay any person, for the shipment of seamen when payment is deducted or to be deducted from a seaman's wages. Any person violating any of the foregoing provisions of this section shall be deemed guilty of a misdemeanor. non-settly, from any semman or other person seeking employment, as seaman, or from any person on his behalf, any remuneration what-ever for providing him with employment, he shall for every such offense be deemed guilty of a misdemeanor and shall be imprisoned for not more than six months or fined not more than \$500. No vessel of one hundred tons gross and

the affidavits upon which said certificates are and no clearance shall be given to any vessel failing to comply with the above provisions.

But during the interval from as May to as Sept centum shall be in lifeboats and fifty per centum may be in collapsible boats or rafts, under regu-lations of the Board of Supervising Inspectors.

At no moment of its voyage may any ocean-cargo steam vessel of the United States have on

and shall carry enough lifeboats and life rafts to

At no moment of its voyage may any cargo steam vessel of the United States on the Great Lakes have on board a total number of persons greater than that for whom accommodation is provided in the lifeboats on board.

The part of the law relating to life-saving

All part of the law relating to life-saving apparatus and other equipment went into effect on 4 Nov., 1925. For foreign ships it will go into effect on a Macha, such as Folletts Act were subsequently construed by the Department of Justice and by the Department of Commerce so as to exempt practically all foreign shipping from most of their requirements.

A joint resolution, approved 4 March, strengthened the neutrality laws of the United States. It read as follows: "That from and after the passage of this resolution, and during the existence of a war to which the United State is not a party, and in order to prevent the neutrality of the United States from being violated

to be about to carry fuel, arms, ammunition, insular, within the jurisdiction of the United

An act approved 4 March, 1915, known as the

extra charges for packages declared to exceed a certain minimum of value.

Congress provided in the Naval Appropriation act, approved 3 March, 1915, for the following increases in the naval establishment: Two firstclass battleships, six torpedo-boat destroyers, two submarines of the sea-going type, with a surface speed of 25 knots, or more, if possible; sixteen submarines of the coast defense type, and one oil fuel ship. It appropriated \$2,000,000 for naval service, and gave the rank and pay of Congress also passed an act, approved a8 Jan.,

1915, consolidating the Revenue Cutter Service

The total of regular annual and permanent appropriations made at the third session (for the fiscal year 1915-1916) was \$1,115,111,408, compared with \$1,115,115,138 for the fiscal year 1014-1015.

NECROLOGY.

z Nov., 1914-31 Oct., 1915.

aged 79.—20 March.
Aldrich, Nelson W., former United States Senator
from Rhode Island and leader of the Senate,

from a node issued and leader of the Sense, former Representative in Congress from Rhode Island, aged 73.—16 April. Alexander, James W., former president of the Equitable Life Assurance Society, aged 76.—

Alexander, John W., painter, ex-President of the National Academy of Design, aged 58.—31 May.

Arisaka, Baron Nariaki, Japanese LieutenantGeneral and ordnance expert, aged 62.—11

Armstrong, Paul, playwright, aged 46—20 Aug. Bacon, Henry, ex-Expresentative in Congress from New York, aged 56—38 Aurch.

Bard, Thomas R., ex-United States Senator from California, aged 373—5 Aurch.

Beachey, Lincoln, aviator, aged 47—24 Aurch.

Beachey, Lincoln, aviator, aged 47—24 Aurch.

Bettly, John, Brigaider-General, U.S.A. (retired) ex-Representative in Congress from Glio, aged 56—12 Dec., 1974.

86.—ar Dec., 1914. Reere, Mrs. Bernard, English actress, aged 50.—

Berenger, René, French publicist, life Senator, member of the Academy of Political and Moral Sciences, aged & — 29 Aug.

Berger, Rudolph, Austrian operatic tenor, aged

40.-27 Feb.
Betbeder, Onofre, Argentine Vice-Admiral, aged

52,-24 Jan. Biller, Rt. Rev. George, jr., Protestant Episcopal Bishop of South Dakota, aged 33.—22 Oct. Billinghurst, Guillermo, ex-President of Peru,

aged 64 .- 28 June. Bitter, Karl, sculptor, aged 47.—10 April. Black, John C., Brigadier-General, U.S.V., ex-Representative in Congress from Illinois, ex-

Commissioner of Pensions and ex-federal Civil Service Commissioner, aged 76.—17 Aug. Blommers, Bart. J., Dutch painter, aged 69.—

Dommiers, Bark J., Jutten Painter, aged 39-52 Dec., 126h W., former Democratic leader in Unio politics, aged 37.—a Sept. Booth, Alfred, founder of Booth steamship line, aged 80.—2 New., 1914. Boucherville, Charles E. B. de, Canadian states-man, former Premier of Quebec, aged 93.—

name, totale Premier of scott ages ages 25 feb.

Bowles, Samuel, journalist, editor and publisher of "The Springfield (Mass.) Republican," aged 63.—14 March.

Charles to journalist aged no act Sub.

Boynton, Charles A., journalist, aged 79.—5 Sept. Bradbury, J. P., e. Chief Justice of the Supreme

Braddon, Miss Mary Elizabeth, English novelist, aged 77. - 4 Feb. Brough, Miss Fanny Whiteside, English actress.

aged 60.—z Dec., 1914. Brown, Thomas J., Chief Justice of the Supreme

Court of Texas, aged 79.—27 May.

Brown, William M., Representative in Congress from Pennsylvania, ex-Lieutenant-Governor of

Pennsylvania, aged 62.—31 Jan. Bucknam, Pasha (Ransford D. Bucknam), sailor

aged 46.-27 May. Bullen, Frank T., English writer of sea stories,

aged 40 .- I March Bunny, John, moving picture actor, aged sr.-

a6 April.
Burdette, Robert J., journalist and humorist,

aged 70.—19 Nov., 1914.

Burke, Right Rev. T. A. M., Roman Catholic
Bishop of Albany, N.Y., aged 75.—20 Jan.
Burt, Andrew S., Brigadier-General, U.S.A.

(retired), aged 75.—22 Jan.
Bussey, Cyrus, Brigadier-General U.S.V., Assistant Secretary of the Interior, aged 81.—

3 March. Buxton, Sir Thomas F., British anti-slavery worker, ex-Governor of South Australia, aged

78,-28 Oct.

Commerce and Labor, aged 43-27 Sept.
Caldwell, Henry C., ex-Circuit Judge of the
United States for the 8th federal circuit, aged 83.-16 Feb.

Carden, Sir Lionel, British diplomat, former British Minister to Mexico, aged 63.—16 Oct. Chaffee, Adna R., Lieutenant-General, U.S.A. (retired), former Chief of Staff, aged 72.

i Nov., 1914. Clark, Charles Heber (" Max Adeler"), humorist,

Clark, Charles Hever that Acted aged 74.—ro Aug. Codman, Rk. Rev. Robert, Protestant Episcopal Bishop of Maine, aged 56.—7 Oct.
Colton, Right Rev. Charles H., Roman Catholic Bishop of Buffalo, N. Y., aged 65.—9 May.
Comstock, Anthony, anti-vice crusader, aged 71.

-az Sep

—11 Sept.

Conant, Charles A., journalist and financial writer, aged 5.—4 July.

Consty, R. Rev Thos. J., Roman Catholic Bishop of Montercy and Los Angeles, aged 68.—18 Sept.

Conrad, Hohnes, lawyer, former U.S. Assistant Attorney-General and Solicitor-General, aged

76 .- 4 Sept.

70.—4 Sept. Costa, Alfonso, Portuguese statesman, ex-Premier.—13 July. Cowherd, William S., ex-Representative in Con-gress from Missouri, aged 54.—20 June. Crane. Walter, English painter and illustrator, aged 70.—15 March.

aged 70.—15 Morch.
Terelman, James, journalist, aged 54.—12 Feb.
Davis, (deorge E., his/or-General, U.S.A. (retired),
1904 67.—15 Dec., 1974.
Delafield, Francis, surgeon and author of surgical
works, 369 d7.—27 July.
Diaz, Poritrio, Mexican soldier and statesman,
Tresident of Mexico for 37 years, aged 84.—

Dickson, Samuel, railroad lawyer, aged 78 .-

Dodge, Miss Grace M., philanthropist, aged 57.

Dugge, many property of the property of the state of the property of the shaded scientific writer, professor in the Shaded Scientific writer. School, Yale University, aged 56 .- 19 Oct.

Dubs, Rev. Rudolph, Bishop of the United Evangelical Church, aged 77.—21 Maroh. Durnovo, Peter Nikolaievitch, Russian states-man, former Minister of the Interior.—21 Sept. Dyche, Louis L., zoologist and explorer, aged 58.

Edwardes, George, English theatrical producer, aged 63.—4 Oct. Ehrlich, Dr. Paul, German therapist and chemist,

discoverer of salvarsan, aged 61.—20 Aug. Elkin, John P., Associate Justice of the Supreme Pennsylvania, aged 55 .- 3 Oct.

Fabre, Henri, French entomologist, aged oz -

from North Carolina, aged 53 .- 21 April. Fargo, James C., pioneer in the express business, aged 85.—8 Feb.

Fergusson, Harvey B., ex-Representative in Congress from New Mexico, aged 67.—10 June. Finlay, Charles J., Cuban physician and scientist, discoverer of mosquito infection in yellow

fever, aged 82.—20 Aug. Fleming. Sir Sandford, Canadian engineer and scientist, aged 88.—22 Jul

Flores, Antonio, former President of Ecuador.

Flores, Antonio, former Fresident or Economy, aged 8F.-3 4M, corollat, aged 3g.-7 May. Forman, Justus M., consuler, Brigadier-General, U.S.A. (rectived), aged 7g.-3 Sept. (Forsyth, James McQ., Rear-Admiral, U.S.N. (retired), aged 7g.-3 4My. Fowler, Thos. P., ex-Fresident of the New York, Onlario & Western Raitroad, aged 64.-23 U.S.

Fox, Right Rev. Joseph J., Roman Catholic Bishop of Green Bay, Wis., aged 60.—25 March. Frohman, Charles, theatrical manager, aged 54.

Frothingham, George, actor and comic opera singer, aged 75.—19 Jan. • Garrett, Miss Mary, philanthropist, aged 61.—

Geike, James, Scotch geologist, aged 25 .-Gerville-Réache, Mme, Jeanne, opera singer,

aged 35.—5 Jan. Goldmark, Karl, Austro-Hungarian composer, aged 84.—3 Jan.
Goodell, David H., ex-Governor of New Hamp-shire, aged 80.—22 Jan.

anire, aged 80.—22 Jan.
Goulden, Joseph A., Representative in Congress from New York, aged 70.—3 May.
Grace, Dr. William G., English cricket player, aged 67.—23 Oct.
Granger, Charles T., ex-Chief Justice of the Supreme Court of Iowa, aged 80.—26 Oct.

Gray, John C., Harvard Law School professor,

writer on law, aged 75.—25 Feb.
Gray, John Clinton, Associate Judge of the New
York State Court of Appeals (retired), aged 71. -28 June

Minister of Foreign Affairs.—1 Sept.
Guild, Curtis, ex-Governor of Massachusetts,
ex-Ambassador of U.S. to Russia, aged 55.—

Han, Charles M., Chemist, poncer d the manufacture of aluminum, aged gr.—sy Dec., 1914.
Hall, J. K. P., ex-Representative in Congress from Pennsylvania, aged gr.—g. Jan.
Hall, Robert H., Brigadier-General, U.S.A. (re-

tired), aged 77.—29 Jun.
Hardie, Keir, Scottish Member of Parliament
and labor leader, aged 59.—26 Sept.

Harris, Andrew L., Brigadier-General, U.S.V., Andrew L. Bigganier-Generat, U.S.V., ex-Governor of Ohio, aged 80.—13 Sept. Hawaweeney, Very Rev. Riphal, Bishop and head of the Syrian-Greek Church in America, aged 54.—27 Feb.

aged 54.—27 Feb.
Heinze, F. Augustus, copper operator and
financier, aged 54.—4 Nov., 1914.
Hensel, Wm. U., Pennsylvania lawyer and Democratic leader in that State, aged 53.—26 Feb.

aged 74.—20 July. Hervieu, Paul, French author and dramatist.

member of the French Academy, aged 58 .- 25 Heywood, Charles, Major-General, U.S.M.C.

(retired), aged 74.—26 Feb.

Holder, Charles F., marine naturalist, aged 64.—

Holmes, Joseph A., geologist, Director of the Federal Bureau of Mines, aged 55.—13 July. Hough, Warwick, ex-Chief Justice of the Supreme

Court of Missouri, aged 79.—28 Oct. Houghton, Stanley, English playwright.—10

Dro., 1914.
Howison, Henry L., Rear-Admiral, U.S.N. (re-tired), aged 77.—31 Dec., 1914.
Hoxie, Mrs. Vinnie Ream, sculptress, aged 67.— 20 Nov., 1914.
Hubbard, Elbert O., magazinist and lecturer,

aged 55.-7 May. Hubbard, Thomas H., Brigadier-General, U.S.V.,

lawyer and financier, aged 76.—19 May. Humphrey, Lyman U., ex-Governor of Kansas, aged 71.—12 Sept. Hunter, Thomas, educator, aged 83.—14 Oct.

Hunner, Indias, endextor, aged 33—46.

Huyamans, Louis, Belgian stateman, former
Minister of State.—9 Sept.

Houve, Marquis Kaoru, Japanese Elder Statesman, aged 86.—— Sept.

Vitts, William M., Newsyn York lawyer and

Ivins. William M., New York lawyer and publiciat, and 64.—23 July.

Jackson, William H., est-Representative in ConJuly. State of the Control of the Contr

Kelly-Kenny General Sir Thomas, Sritian soldier, aged 74.—26 Dec., 1914.
Kennedy, Right Hon. Sir William R., British jurist, Lord of Appeal, aged 68.—18 Jan. Klein, Charles, playwright, aged 48.—7 May.
Lamprecht, Karl, German historian, aged 66.—

-- 1g June. Le Moyne, Mrs. Sarah Cowell, actress, aged 55. -- 17 July.

—17 July.

Lewis, Alfred Henry, journalist and author, aged 56.—32 Dec., 1924.

Littlefield, Charles E., ex-Representative in Congress from Maine, aged 52.—2 May.

Leeffler, Friedrich A. J., German scientist, discoverer of the diphtheria bacillus, aged 62.—

9 April. Loudonderry, Marquis of, British statesman Cabinat Minister and Viceroy of Ireland, aged 6s .- 8 Feb.

Long. John D., ex-Governor of Massachusetts 28 Aug.

Lounsbury, Thomas R., teacher of English, aged 77.-9 April.

McClain, Emlin, ex-Chief Justice of the Supreme

Court of Iowa, aged 64 .- 25 May

McCreary, George D., ex-Representative in Con-gress from Pennsylvania, aged 69.—26 July. McCullough, John G., ex-Governor of Vermont,

aged 79.—29 May.

McKelway, St. Clair, journalist, editor in chief
of "The Brooklyn Eagle," Chancellor of the

tative in Congress for Iowa, aged 65.—17 Jan. Maartens, Maarten (J. M. W. Van der Poorten-

(retired), aged 66.—16 Jan.
Maes, Rt. Rev. Camillus P., Roman Catholic
Bishop of Covington, Ky., aged 69.—10 May.
Mahan, Alfred T., Rear-Admiral U.S.N. (retired),

-1 Dec., 1914.

-- I Dec., 1934.
Mauney, Henry N., Rear-Admiral, U.S.N. (re tired), aged 71.—25 Oct.
Martin, James L., U.S. District Judge, District of Vermont, aged 68.—14 Jan.

Matson, Courtland C., ex-Representative in Congress from Indiana, aged 75.—4 Sept. Merritt, Edwin A., jr., Representative in Congress from New York, aged 54.—4 Dec.,

aged 80 .- 10 Oct.

Minot, Charles S., anatomist, aged 61 .- 19 Nov.,

Mitchell, James T., ex-Chief Justice of the Supreme Court of Pennsylvania, aged 80.--6 Mizner, Henry R., Brigadier-General, U.S.A. (retired), aged 86.-4 Jan.

Moore, Edward B., former U.S. Commissioner of

Shoote, Barkfu B., former C.S. Comdissioner of Patents, aged 64—7 Sept. Protestant Epis-copal clergyman, aged 72—26 Sept. Morton, Charles, Brigadier-General, (rettred), aged 68—20 Den., 1924. Murray, Sir James A. H., English philologist, editor of the Oxford English Dictionary, aged

28 -25 July.

nd. – 3 July. Mutt, John, naturalist, aged 76. – 24 Dec., 1914. Mutt, John, naturalist, aged 76. – 24 Dec., 1914. Nares, Sir Geo., British Adm., aged 84. – 25 July. Nelson, William E., Journalist, editor and July. Noble, Sir Andrew, British scientist, authority. Noble, Sir Andrew, British scientist, authority on ordunance and explosives, aged 84. – 26 Parry, David M., ex-President of the National Association of Manufacturers, anti-isbor unless than the control of Manufacturers, anti-isbor unless than the control of Manufacturers.

leader, aged 63.—12 May.
Parsons, John E., New York lawyer, counsel of

Sugar Trust, aged 85.—15 Jan.
Payne, Sereno E., Representative in Congress
from New York, author of the Payne Tariff
law, aged 71.—10 Dec., 1914.
Pelletan, Camille, French Statesman, ex-Minister
of Marine, aged 69.—21 June.

Phelps, Thomas S., Rear-Admiral, U.S.N. (retired), aged 66.—3 Nov. Plympton, Eben, actor, aged 63.—12 April. Poor, William H., banker, President of the Poor

Railroad Manual Company, aged 71.—13 April.

Pryor, W. S., ex-Chief Justice of the Court of
Appeals of Kentucky.—x6 Nov., 1914.

Putnam, Frederick W., anthropologist, aged 76 .-

Quesada, Gonzalo, Cuban diplomatist, aged 46 .-

Quigley, Most Rev. James E., Roman Catholic Archbishop of Chicago, aged 60 .- 9 July.

Rathenau, Emil, German Privy Councillor and developer of electrical enterprises, aged 77. 20 June.

Reuter, Baron Herbert de, Managing director of Reuter's news agency, aged 63 .- 18 April. Ridder, Herman, German-American journalist

Zeitung," aged 64.—1 Nov. Riordan, Most Rev. Patrick W., Roman Catholic

Roberts, Lord, British soldier, Field Marshal of

operas, Lord, British Somer, Frem Marsha of the British Army, aged 8a.—14 Nov., 1974-ockhill, William W., diplomat, ex-Assistant Secretary of State, ex-United States Minister to Greece and to China, and Ambassador, to

Russia and to Turkey, aged 60.—8 Dec., 1914. Rollins, Frank W., ex-Governor of New Hamp-

shire, aged 55.—27 Oct.
Rossa, Jeremiah O'Donovan, Fenian agitator,
aged 84.—29 June.

English hanker, head of the British branch of the

Danker, nead of the Drittsh Drahen of the Rothschild banking house, aged 74-31 March. Rucker, Sir Arthur W., English scientist and educator, aged 67.-1 Nov. Saint-Marceaux, Paul de, French sculptor,

aged 69.—25 March.
Scanlan, Rt., Rev. Laurence, Roman Catholic
Bishop of Salt Lake City, sged 72.—10 May.
Schieren, Charles A., ex-Mayor of Brooklyn,

aged 43 – 27 April.
Seaman, William H., United States Circuit,
Seaman, William H., United States Circuit,
Judge, Juh Federai Circuit, aged 72.—8 March.
Sedgwick, Arthur G., journalist and critic,

aged 70.—14 July. Seward, Frederick W., ex-Assistant Secretary

of State, publicist and author, aged 84 -25

aged 76 .- 7 April.

Church of Latter Day Saints, aged 82 .- 10 Dec.,

Somerville, Henderson M., member of the Board of United States General Appraisers, aged 78. -15 Sept: Spalding, Albert G., manufacturer of sporting

agod 77.—3 Nov. Stewart, John W., ex-Governor of Vermont, ex-Representative in Congress, and ex-United States Senator from Vermont, aged 90.—29 Oct.

Stoessel, Anatole M., Russian Lieut, General, defender of Port Arthur, aged 66.—17 Jan. Story, John P., Major-General U.S.A. (retired), aged 74.—as March.
Sulzbacher, Louis, ex-U.S. District Judge, exAssociate Justice of the Supreme Court of

Porto Rico, aged 72.—17 Jan.
Sutherland, Roderick D., ex-Representative in

Congress from Nebraska, aged 52.--18 Oct Taylor, Frederick W., engineer, inventor of Taylor "efficiency system" in industry, aged 59. -ar March

Thayer, Ezra Ripley, Dean of the Harvard Law School, aged 49.—14 Sept.
Toll, Rt. Rev. William E., Protestant Episcopal
Suffraçan Bishop of Chicago, aged 7s.—27

Tracy, Benjamin F., Brigadier-General U.S.V., aged 85 .- 6 Aug

Tupper, Sir Charles, Canadian statesman, ex-Prime Minister of Canada, ex-High Commis-

sioner to London, aged 94.—30 Oct.

Turner, Sir George, English physician and investigator of leprosy, discoverer of a cure for rinderpest, aged 64 .- 12 March.

Tuttle, Lucius, railroad man, former President of the Boston and Maine Railroad, aged 68 .-

30 Nov., 1914. Van Horne, Sir William, Canadian railroad builder, àged 72.—11 Sept. Vanutelli, Rt. Rev. Seraino, Roman Catholic

aged 81.-19 Aug. Vickers, Thomas E., British armament manufacturer, aged 82.—19 Oct.
Von Szell, Koloman, ex-Premier of Hungary,

aged 70.-16 Aug Waldteufel, Emile C., French composer, aged 78.

Waller, Lewis, English actor, aged 55.-x Nov. Walsh, Miss Blanche, actress, aged 42.-3x Oct Wangenheim, Baron Hans von, German diplo-matist, Ambassador to Turkey, aged 56.—25 Washington, Joseph E., ex-Representative in

Congress from Tennessee, aged 63.—28 Aug. Watson, William, engineer, secretary of the

Sat.—30 Sept.
Watson, William W., Bear-Admiral U.S.N. (retired), aged 71.—11 Dec., 1914
Welby, Baron, English financier, aged 83.—30 Oct.
Werner, Anton von, German painter, aged 71.—

Georgia, aged 65.—22 Dec., 1914. Widener, P. A. B., street railroad operator and financier, aged 8z.—6 Nov. Wilder, Marshall P., lecturer and humorist,

aged 55.—10 Jan.
Willard, Edward S., English actor, aged 62.— 6 Nov. Witte, Count Sergius J., Russian statesman

roads and of Finance, aged 65.—12 March. Wood, Mrs. John, English actress, aged 83.—

Woodbury, Urban A., ex-Governor of Vermont,

aged 71 .- 20 Dec., 1914

138 '282

RETROSPECT OF SPORT. BASEBALL.

THE professional baseball season of app, was marked by a slackening of popular interest and poor seasons for most of the clubs. The Federal Bagge, created in appeas a trail of "Ornanized bases as a first of the clubs, and the superiment of modern and the experiment of modern and the superiment of the sup

AMERICAN LEAGUE RECORD. 1015.

The Boston Red Sox won the pennant rather castly, encountering no serious opposition except from betroit. The Philadelphia Athletics, champions in 1920, 1921, and 1921, finished last, most of the former stars of this great team having been sold or released by the management. Detoit and chicago both improved creatly in their things of the control of the property of

	Boston.	Detroit.	Chicago.	Wash'ton.	New York.	St. Louis.	Cleveland.	Philadel.	Games won.	Games lost.	Per cent.
Boston Detroit Chicago Washington New York St. Louis Cleveland Philadelphia Games lost	8 10 6 12 5 4 5	7 9 5 9 5 5	14 7 4 6 3	9 9 6 8	17 15 13 10 9	13 18 13 12 12 6	17 16 16 13 10	19		68 83 91	.604

Following are the unofficial batting and ing records:-

Lotto many and and			1100	DE 1.7 CM	
ing records :					
INDIVIDUA	L B	TTIN	G.		
[Fifteen or :	more	game	35.7		
Players and Clubs.	G.	A.B.	R.	Ħ.	
Cobb, Detroit	156	562	144	207	'36
Gregg, Boston	11	20	- 3	7	'354
E. Collins, Chicago	158	519	219	175	'33
Fournier, Chicago	126	423	85	138	'326
Speaker, Boston	151	548	109	176	32
Ruth, Boston	43	92	17	29	,31
McInnis, Athletics	119		44	144	,31
Veach, Detroit	152		81	177	,311
Jackson, Chicago	128	46I	63	143	.310
Barber, Washington	25	52	9	16	.30
Kirke, Cleveland		340	36	104	,300
W. Davis, Athletic	20	27	4	8	129
Crawford, Detroit	156	612	81	181	'29
R. Collins, Boston	25	27	3	8	129
Strunk, Athletics	132	484	76	142	129
Lewis, Boston	152	554	68	162	129
Kavanaugh, Detroit	113	332	55	. 97	120
Gainer, Boston	83	205	30	59	129
Gandil, Washington	135	483	51	139	'28
C. Milan, Washington	153	573	83	164	'28
Bauman, New York	- 77	221	. 30	63	'28
	159	605	73	172	'28
Gielon Qt Youig	-	. 206	+8	20	~48

				44	89	271
	Maisel, New York	135	530	77	145	274
	E. Foster, Washington	154	616	74	160	274
	E. Murphy, Chicago	130	533	88	146	274
	Baker, Detroit	67	135	15	37	27
	McKee, Detroit	55	106	10		
	C. Walker, St. Louis				29	274
	Charactet, Dr. Jours	145	513	62	140	27
	Chapman, Cleveland	154	569	IOI	155	27
ı	Schalk, Chicago	136	412	46	112	272
	Janyrin, Boston	100	315	41	85	270
	Leonard, Boston		52	8	14	'26
	Roth, Cleveland	100	386	67	104	'26
	Cook, New York	138	476	70	128	'26
	Weaver, Chicago	TAB	562	83	151	'26
8	Lapp, Athletics	112	317	26	85	'26
8	Mullen, New York	40	90	II	24	*26
	Graney, Cleveland	116	403	43	107	'a6
	Austin, St. Louis	Idi				°a6;
			475	62	125	
	Gardner, Boston	127	43I	50	113	26
	High, New York	IIO	426	51	III	'26:
	J. Collins, Chicago	153	574	73	150	'26:
3	Jamison, Washington	17	60	9	38	'26:
s	Evans, Cleveland	42	100	17	28	'25
1	Hartzell, New York	TIO	286	20	00	.021

	Gardner, Doston	127	431	50	113	202
	High, New York	IIG	426	51	III	'261
	J. Collins, Chicago	153	574	73	150	'261
	J. Collins, Chicago Jamison, Washington	17	6g	9	38	'261
	Evans, Cleveland	42	IOQ	17	28	'257
	Hartzell, New York	IIQ	386	39	99	'256
	G. Foster, Boston	4I	82	II	31	256
	Wood, Boston	31	55	6	14	'255
	Willie, Cleveland	45	131	14	33	'252
	Felsch, Chicago	TAI	427	66	107	'251
	Shaw, Washington	25	44	3	II	'250
	Coumbe, Cleveland	25	36	ž	9	'250
	Kopf, Washington	16	32		ă	'250
1	Vitt, Detroit	TET	562	116	140	'249
н	Turner, Cleveland	75	262	35	65	'248
	Shanks, Washington	120	485	52	120	'247
	Smith, Cleveland	744	477	37	118	247
	Oldring, Athletics	107	409	49	IOI	247
	Burns, Detroit	TOF	392	40	97	247
	Russell, Chicago	203	85	11	21	247
	Leihold, Chicago	94	281	38	60	246
	Pipp, New York	726	480	59	118	246
	Schang, Athletics	130	359	64	88	245
	Barry, Boston	770	441			243
	Caldwell, New York	334		47	107	'243
	Mays Boston	72	37	27	35	243
	O'Neill, Cleveland	30			9	242
			315	32	93 64	
	Wagner, Boston		266	39		'241
	Cicotte, Chicago		67	10	16	239
	Leary, St. Louis	75	227		54	238
	C. Thomas, Boston	86	202		48	'238
	Williams, Washington	- 92	199			236
1	Mayer, Chicago	. 23	55	3	13	1236

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Γ	258			Re	tros	pect	of	Sport.					
				-	Н.			Pitchers and Clubs.	G.	15.	I.	Ave.	1
	Players and Clubs. Morgan, Washington	G. 6a	A.B. 192	R.	44	'229	Mai	rkle, New Yorkrisette, Athletics	3	2	0	1,000	1
	Kopf. Athletics	118	385	39		'229 '236	Mo	risette, Athleticsham, Detroit	4	2	0	1,000	
	Stanage, Detroit		301	27 45			My	ers, Athletics	ĭ	ī	0	I '000	
	Peckinfaugh, New York Severoid, St. Louis	142	539	67	120	1223	She	ers, Athletics erman, Athletics iman, St. Louis s., St. Louis s., St. Louis c., Washington Cabe, St. Louis od, Beston Od, Beston tt, Chicago tt, Chicago mard Boston	2	×	0	1,000	
	Severoid, St. Louis	80	63	12	45 14	223		man, St. Louis	2	1	0	1,000	
	James, Detroit Nunamaker, New York	87	249	24	55	'221	Ric	e, Washington	4	x	0	1,000	
			561	99	124	221	Ru	th, Boston	38	18	6	750	Ji.
	Healey, Athletics Johns, Chicago Henry, Washington Weilman, St. Louis	28	100	7	22	230	We	ood. Boston	25	14	5		3
	Henry, Washington	95	278	31	61	'219	Sho	ore, Boston	38	19	5	731	
	Weilman, St. Louis	47	101	4 22	22	215		Foster, Boston	37	20	9	-686	
	Cree, New York	73	195	18	42 38 8			onard, Boston	32	15	7	*682	
	Moriarty, Detroit	32	38	z	8	'211	W.	Johnson, Washington	47	27	13	'675	: 1
	Walsh, St. Louis	59	150	13 48	31 86	'207 '206	Bo	land, Detroit minost, Washington ber, Chicago Levaleste, Detroit valeskie, Detroit valeskie, Detroit shington Boston Bisher, New York Bisher, New York Lilia, Washington Lilia, Washington Washington Lilian Washington Washington	45	13	I	.66	2 1
	J. Walsh, Athletics Blackburn, Chicago McBride, Washington Boone, New York	Q6	283	33	58 98	*205	Fa	ber, Chicago	50	24	13	'64	9
	McBride, Washington	146	477	53	98 88	205	Da	uss, Detroit	46	23	13	*63	3
	Malone, Athletics	130	431	17	41	204	Co	ros Washington	- 43	15	9	.62	5
	Acosta, Washington Acosta, Washington Duhuc, Detroit Seott, Boston Ayres, Washington Ainsmith, Washington Honvilean Boston	46	93	10	19	'204		egg, Boston	. 18	5	3	'6z	
	Acosta, Washington	- 73	162	20	33	204	Fi	sher, New York	30	18	II IO	'6z	
	Dubuc, Detroit	. 00	362	25	23 72	204		phue. Detroit	30	17	12	.58	
	Avres, Washington	40	60	3	12	200	Be	nz, Chicago	. 39	15	IX	157	7
	Ainsmith, Washington	47	120	13	18	198	H	arper, Washington. een, Detroit	. 19	5	4	- 55 - 54	5
	Henriksen, Boston Agnew, St. Louis	72	91 296	9	58	,196	Ca	aldwell. New York	. 36	19	16	'54	
	Wambagass, Cleveland	ISI	376	28	73	194		cotte, Chicago	- 39	13	11	154	
	Damrau, Athletics	. 16	57 146	14	28	193	177	eilman, St. Louis	. 47	18	18		
	Connolly, Washington	51	131	14	25	.10I	R	orton, Cleveland oehling, Washington 7. James, Detroit arrett, Cleveland	. 40	13	23	.20	20
	T. Daly, Chicago	. 29	47	5	9	"IQI	IV	James, Detroit	. 45	13	E3		20
	Wambagass, Cleveland Damran, Athletics Connolly, Washington Davies, Athletics T. Daly, Chicago McAvoy, Athletics Brown, New York Shawkey, New York S. Jones, Cleveland	67	180	12	34 6	189	G	off, St. Louis	. 4	2	2		20
	Brown, New York	21	32	3	11		3 11	folfgang Chicago	17	2	2	. '59	00
	S. Jones, Cleveland	. 48	33	4	6	182	2 T	off, St. Louis- folfgang, Chicago ipple, New York ochter, Detroit unssell, Chicago (200), St. Louis isler, St. Louis ielt, New York V. Mitchell, Cleveland bawkey, New York	3	x	- 2		00
	Barbare, Cleveland	78	220	16	44	179	9 B	oehler, Detroit	8	X	X2		78
	8, Jones, Cleveland. Barbare, Cleveland. Doehilng, Washington Lee, St. Louis Boland, Detroit Neff, Washington. Covaleskie, Detroit Gallia, Washington. Steen, Detroit Dauss, Detroit McNally, Boston Morton, Cleveland Bressler, Athletics	4	74 3 59 7 65 0 60	9	13	*169	9 1	oob St. Louis	28	5	-	3 4	35
	Boland, Detroit	4	7 65	5	11	1169	9 8	isler, St. Louis	15	4	5	5 14	44
	Neff, Washington	3	o 60	1	XV.		7 P	ieh, New York	2I	11	× 5		44
	Callie Washington	5	3 85		17			hawkey, New York	33	XO.	1	2 '4	35
	Steen, Detroit	3	0 44	. 3	7	15	o E	Collins, Boston	25	5		7 '4	17
	Dauss, Detroit	4	6 104	5	, 16	15	4 I	owdermilk, Detroit	45	12		9 .4	106
	Morton Cleveland		5 53 4 8a			s "14	16	ole. New York	Io	3			00
	Morton, Cleveland Bressler, Athletics Miller, New York J. Bush, Athletics Oldham, Detroit Koob, St. Louis Walker, Cleveland J. Scott, Chloago Harstad, Cleveland Lowdarnik, Detroit	3	3 55			B '14	45 E	hawkey, New York Collins, Boston Joseph Boston Cole, New York Brenton, Cleveland	II	2			00
	Miller, New York	2	5 8		I	2 '14 7 '14	2 3	Design Now York	10			5 4	100 375
	Oldham Detroit	3	5 45			2 '14	43	Knowlson, Athletics	18	4		7 3	64
	Koob, St. Louis	1	\$ 37			5 13	35 (Coumbe, Cleveland Walker, Cleveland	30	4		7 3	104
	Walker, Cleveland	:	18 37 15 37 18 97 28 10	7		5 '13 3 '13	35 1	Walker, Cleveland	25		, ,	3	
	J. Scott, Chicago		μο 9; 22 19	5	3 1	2 12	25	Hamilton, St. Louis	35			7	346
	Lowdermilk, Detroit		15 8	5	3 Y	H ,12	25 8	Sheehan, Athletics	15		6	8	333
	Lowdermilk, Detroit Wyckoff, Athletica		45 9	5	3 1	12 '12 1 '12	25	Keating, New York	XI		3	6	
				. 1		0 'II	19	Mogridge, New York	6		2	4	
	Faber, Chicago Egna, Cleveland		42 12	'n	4 1	4 'E	17	Russell, New York	5	5 1	E	2 1	
	Benz, Chicago W. Mitchell, Clevels Fisher, New York Hagerman, Cleveland		3ª 7 36 7 30 8	8	3		15	Davies, Athletics	4			2	
	W. Mitchen, Clevela	LL CL	30 8	3	5	E "10	80	Wyckoff, Athletics	4	3 1		12	313
	Hagerman, Cleveland	1	29 3 38 8	9	2	4 10	103	Shaw, Washington	25	5 :	5	13 -	294
	Shore, Boston Pieh, New York		38 8	0	3		67	Collamore, Cleveland	X	3	3	8 .	37:
	Pien, New York	****	at 3					Bush, Athletics	3	5	5	15	250
	PITC	HING	RECO	RDS.				Kelpfer, Cleveland	X	0	3	6	
	Pitchers and Ch	abe.	G	W		. Av	.9Q.	Crowell, Athletics	z	5	-	3 .	25
	Walsh, Chicago		3		3	0 1'0	200	Coumbe, Cleveland Walker, Cleveland Walker, Cleveland Hanniton, St. Louis Reantinon, St. Louis Reantinon, St. Louis Reantinon, St. Louis Reantinon, St. Well Reantinon	3	2	4	27	19

	1	Retro	speci
CLUB BATTING REC			
Clubs. G. at bat. R. B.I	L S.B.	S.H.	Av.
Detroit 156 5,130 778 1,3	63 335	204	'a65
Chicago 155 4,907 717 1,2	80 225	271	'261
Boston 155 5,021 669 1,3 St. Louis 159 5,113 522 1,2 Washington 155 5,018 569 1,2	OI 125	200	201
Washington rec s.or8 cho r a	19 190	172	'242
Washington r55 5,018 569 1,2 Cleveland r54 5,037 539 1,2	04-137	173	,330
Athletics 154 5,083 545 1,2 New York 154 4,984 584 1,1	02 129	133	*236
Chricago 155 4,907 717 1,2 Boston 155 5,021 569 1,3 St. Louis 159 5,113 522 1,2 Washington 155 5,038 569 1,2 Cleveland 154 5,037 539 1,2 Athletics 154 4,984 534 1,2 Long Hrrs by Ctu.	60 196	168	*234
	JBS.		
Clubs. 2-b 3-b Hom hits. runs	e bon	Extra	gra
Clubs. 2-b 3-b Hom hits hits runs Detroit 206 97 23 Chicago 164 101 25	. hits.	bases.	Av.
Chicago 164 101 25		409	357
	1,721	441	351
Cleveland 172 76 20	1,721 1,704 1,588	384	339
St. Louis x64 63 19	1,505	347	312
Washington 145 80 12 Athletics 182 70 16	1,560	34I	.3tz
New York 182 70 16	1,572	370	,300
New York 167 49 31		358	.302
LEADING TEN LONG H	ITTERS.	S.	
Players and Clabs. bitchis. rum Fournier, Chicago 20 28 5 Cobb, Debroit	Total e bon hits.	Extra	G'd
Players and Clubs. hits.hits. runs	hits.	bases.	Av.
Fournier, Chicago 20 18 5 Cobb, Detroit 29 23 3	209	71	494
Kayanagh Datroit	271	04	402
Jackson, Chicago. 20 14 5	205	62	447
E. Collins, Chicago zz zz 4	331	55	445
Kavanagh, Detroit 14 13 3 Jackson, Chicago 22 17 4 B. Collins, Chicago 22 17 4 Roth, Cleveland 9 17 7 Veach, Detroit 39 11 3 Crawford, Detroit 32 20 4 Strunk, Athletics 26 16	168	64	'435
Veach, Detroit 39 xx 3	247	-70	433
Struple Athletics of as	205	84	435
Pratt, St. Louis 30 II . 3	203	61	1284
LEADING TEN BASE ST	-33 -33	0	300
Players and Clubs.	G.	S.B.	Av.
Cobb, Detroit	156	94	'60
Maisel, New York	135	50	*37
E. Collins, Unicago	135	48	,31
Mosller Washington	153	45	'29
Shotten, St. Louis	116	44	-28
J. Collins, Chicago	153	37	'24
Cook, New York	138	31	24
LEADING TEN BASE ST Players and Clubs. Cobb, Detroit Maisel, New York. E. Collins, Chicago Miliar, Washington Moeller, Washington Shotten, St. Louis J. Collins, Chicago Cook, New York. Chapman, Cleveland	154	36	-23
LEADING TEN RUN GI	ETTERS		
Players and Clubs.	G.	R.	Av.
E Colling Chinego	155	±44	92
Vitt Detroit	155	119	77
Speaker, Boston	151	IOQ	72
Fournier, Chicago	126	85	*68
Chapman, Cleveland	154	IOI	*66
Bush, Detroit	¥55	99	*64
Hooner Roston	139	80	.03
Shotten, St. Louis	125	OX	.58
LEADING TEN EUN GI Players and Glubs. Cb. Collins, Chicago Speaker, Beston Fournier, Chicago Chapman, Gleveland. Bush, Detroit Murphy, Chicago Chapman, Gleveland. Bush, Detroit Chuge, Chicago Chapman, Cleveland. Chicago Chapman, Cleveland. Chicago Chapman, Cleveland. Chicago Chapman, Chicago Chapman, Chicago Chapman, Chicago	ORDS		3-
New York 754 4 325	A.	· E.	Av.
New York 154 4,135	3,002	216	'966
New York 154 4,135 Chicago 155 4,204 Boston 155 4,233 Washington 155 4,213	2,010	221	966
Washington 155 4,188	1,905	230	2062
Detroit 156 4,229 Cleveland 154 4,207	2,163	353	.063
	3,053	275	957
Cleveland 154 4,207	2.060	331	950
St. Louis 154 4,300		226	'943
St. Louis 154 4,300 Athletics 154 4,070	2,031		
Athletics 154 4,200	2,031 T WE	NNERS.	
Athletics 154 4,200	z,ogi WII Lost	NNERS. Per	cent.
Athletics 154 4,200	z,o3z WII Lost. 53	NNERS.	cent.
St. Louis 154 4,300 Athletics 154 4,070	2,031 T WIN Lost. 53 53	NNERS.	oent.

of	Sport.				259
Year			Won.	Lost.	Per cent
	-Boston		gi-	- 47-	*650
	-Boston		95	59	*6x6
IQO	-Philadelph	ia	93	56	*622
1000	-Chicago		93	58	*6x6
1007	-Detroit		02	58	. 613
IOOS	-Detroit		90	63	*488
	-Detroit		97	54	*643
	-Philadelph		102	48	*678
	-Philadelph		IOI	50	*660
	-Boston		105		'6ox
	-Philadelph			47	
1913	-Philadelph	184	96	57	*627
			99	53	1651
1915	-Boston		IOI	50	*669
	NATIONAL	LEAGUI	REC	ORD,	1915.
- Tri	he feature of	the Wati	anel I	000000	PARSON O

ors was the close margin separating the teams hroughout the greater part of the championship see. The Philadelphia team played with great leadiness, holding a slight lead practically all he way through. The Bostons, champions of agusturing second place. Brooklyn, for many rears in the ruck, fluished third, and the New Fork Glants, champions in 1911, 1921, 1921, and second in 1924, went to the foot of the league. The fluid standing of the teams was:—

FINAL STANDING OF TEAMS.											
CLUBS.	Philadelphia.	Boston.	Brooklyn.	Chicago.	Pittsburgh,	St. Louis.	Cincippati.	New York.	Games won.	Games lost.	Per cent.
Philadelphia Boston Brooklyn Chicago Pittsburgh St. Louis Cinciunati New York Games lost	7 13 7 12 7 9	.8 7 12 7	8 11 11 11 8	14 9 10 9	15 13 12 12 8	9 11 12 10 14 10	13 10 8	13 12 8 14 12 9	83 80 73 73 72	72 80 81 81 83	592 547 526 477 474 472 461

The following are the unofficial batting and

Retrospect of Sport.

200			2000			A	
Player and Club.	G. 2	A.B. I	2. E	I. A	re.	Player and Club. G. A.B. R. H. Ave	
Killifer, Cincinnati					271	Dale, Cincinnati 49 91 3 20 22	
Wagner Dittehurgh	156	555 (54		Whaling, Boston 72 191 10 42 22	
Wagner, Pittsburgh Barney, Pittsburgh	.33	99		27 "	273 1	Grant, New York 87 192 27 42 21 Baird, Pittsburgh 145 522 50 122 22 Snodgrass, Beston 101 326 44 71 31	
		622		70 :	273 269 268	Snodgrass, Boston 101 326 44 71 'SI	
Saler, Chicago	144 .	495.		33	209	Olson, Brooklyn 19 125 16 27 27 28 29 29	6
Griner, St. Louis	39	52			260	Olson, Brooklyn 80 233 19 50 '21	
Zimmerman, Chicago	139		65 1		267	Rucker, Brooklyn 19 42 2 9 21	
Johnston, Pittsburgh	147	544 16	71 1	45 23	267	Benton, New York 46 76 3 16 31	
Tyler, Boston	750		74 2	47	265	Byrne, Philadelphia 205 388 50 81 20	
J. Miller, St. Louis Murray, Chicago Hyatt, St. Louis	250	372	34	72	265		05
Hwett St. Louis	106	294	23	78 .	265	Roche, St. Louis 46 39 2 8 20 Moran, Boston 180 419 60 84 20	
Wheat, Brooklyn	146	530	64 1	140	264		00
Herzog, Cincinnati	¥55	578	60 1		261	Schupp, New York 23 10 1 2 2 2 Rudolph, Boston 45 116 8 23 1	98
Herzog, Cincinnati J. Smith, Boston	157		64 :		261	McLarry Chicago 68 127 16 25 1	97
Davis, Boston Evers, Boston Viox, Pittsburgh Stock, Philadelphia	15	23	3		261	Corber Pitzshurgh 55 142 Q 28 '1	97
Evers, Boston	83	280	38 56 :	73	,x200	Brainard, New York 91 249 32 49 1	97
Viox, Pittsburgh	149	500	50 :	59	200	Von Konlitz, Cincinnati 50 79 6 15 '1	190
Stock, Philadelphia	09	518	37 55	134	'z59	Pierce Chicago 26 56 4 10 1	79
Williams, Chicago	151	477	39	123	258	Schang, New York 68 145 14 20 1	79
Getz, Brooklyn Egan, Boston	86	223	20	57	'258		78
		526	36	135	'257	Humphries, Chicago 3x 45 II 8 'x	178
Rescher, St. Louis	130	487	72	125	257	Wagner, Cincinnati 74 197 16 35 1	76
Good, Chicago	128	497		127	*256	Mamaux, Pittsburgh 38 91 3 16 1	75
Bescher, St. Louis Good, Chicago Bancroft, Philadelphia Carey, Pittsburgh Putter St Louis	153	563 56a	85	143	254		174
Carey, Pittsburgh	140	562	76	143	254	Chalmers Philadelphia 26 58 0 10 'I	72
		467	72	718 80	253		169
		352	25	142	253	Dell Brooklyn 60 67 4 11 '1	164
Fletcher, New York Schmidt, Boston	149	503	45	115	252		164
Senmidt, Boston	. 12y	264	49	93	'251		163
Myers, Brooklyn	773	fine	63	151	250	Ragan, Boston 30 07	159
Compton Boston	- 33	III	13	28	'250	Perritt, New York 35 by	158
Compton, Boston E. Burns, Philadelphia	66	r6q.	II	42	249		157
Schulte, Chicago	. 151	550	65	137	*249	Mathewson, New York 27 51 3 8 Dugey, Philadelphia 43 34 4 6	
Schulte, Chicago Pfeffer, Brooklyn	. 40	105			'248	Mathewson, New York 19 5 5 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10	
Knisely, Chicago Becker, Philadelphia Gowdy, Boston	. 64	133	13	33 83	'248	Smyth Brooklyn 18 20 3 3	150
Becker, Philadelphia	. III	335	37 27 7 5 77 68	83	'248 '248	Smyth, Brooklyn 18 20 3 3 Weiser, Philadelphia 36 60 7 9 Cheney, Brooklyn 30 47 2 7	150
Gowdy, Boston	. IIS	315	27	70	*245	Cheney, Brooklyn 30 47 2 7	145
S. Smith, Brooklyn Hornsby, St. Louis O'Mara, Brooklyn	29	57 57	2	14	1245		147
Hornsby, St. Louis	. 10	57	2	141	245	Stroud, New York 33 55 2 8	
Outshaw Brooklyn	124	576 567	68	139	'245		
Cutshaw, Brooklyn Schneider, Cincinnati	- 48	30	0	23	'245	Adams, Pittsburgh 40 85 4 12	14
Lobert, New York	zo6	94 389	47	95	*244	Appleton, Brooklyn 34 44 3 6	.13
Maranville, Boston	149	511	47 52 28	124	'243	Appleton, Brooklyn. 24 44 3 0 Lavender, Cinicago 41 67 1 9 Douglass, Chicago 32 64 4 8 Sallee, St. Louis 45 92 0 11 Ritter, New York 23 7 1 1 Perdue, St. Louis 37 1 2 Perdue, St. Louis 37 35 2 4 Adams, Philosophyn 27 5 5 3 7	12
K. Williams, Cincinnat	ti 71	219	23	53	'242	Sallee, St. Louis 45 92 0 EX	12
Wendel New York	30	33	0	8	'242	Dittor New York 23 17 E 8	'xx
Babbington, New York	K 28	33	5 56 51	- 0	242	W Cooper Pittsburgh 38 61 x 7	'XX
		323	20	78 85 80	241	Perdue, St. Louis 31 35 2 4	'II
Huggins, St. Louis Paskert, Philadelphia.	100		50	20	241	Adams, Philadelphia 24 27 X 3	.II
Paskert, Philadelphia.	110	338	2,	20		Marquard, Brooklyn 33 64 3 7	10
Paskert, Philadelphia. McCarthy, Chicago Archer, Chicago Rodgers, Chrimati Mayer, Philadelphia J. Myers, New York Niehoff, Philadelphia Stengel, Brooklyn Becker, New York Hummel, Brooklyn	93	7 308	22	30 74 51 21	240		'IO
Podgers Cincinnati	722	213	30	51	'239	Murphy, Pittsburgh 3x 40 4 4	.IO
Mayor Philadelphia	4:	88	7	21	`#39	Hughes, Boston 50 90 4 9 Meadows, St. Louis 39 83 2 8	
J Myers, New York	III	290	24 60	69 116	238	Toney, Cincinnati 36 74 2 7	'00
Niehoff, Philadelphia	149	9 529		126	.235	Toney, Cincinnati 30 /4	
Stengel, Brooklyn	13	2 459	52	109	237		.05
Becker, New York	I	7 5º	5	18			'07
Hummel, Brooklyn	5	1 98		23	233	McQuillen, Philadelphia 39 67 5 5	105
Dooin, New York	5	6 154	11	34	23	Zabel, Chicago 38 54 2 4	.03
Hummel, Brooklyn Dooin, New York Beck, St. Louis McCarthy, Brooklyn O. Miller, Brooklyn	7	0 223	20		'a3		
McCartny, Brooklyn	0	3 275	20	22	.33		
U. Miller, Brooklyh	7	7 53	-	1 12	. 23		Ave ave
Thorpe, New York Gouzales, St. Louis Standridge, Chicago		3 97	12	32	22	Barnes, Boston 9 3 0	I O
Standridge Chicago	3	I 40		5 5	22	5 Hogg, Chicago 2	1.0
Pholan Chicago		3 459	4	101	1 '22	4 Boardman, St. Louis 3	1'0
Phelan, Chicago Leach, Cincinnati	10	7 335	4	101 7:	5 '22	4 Oeschger, Philadelphia 0	1.0
Wingo, Cincinnati	11	9 341	36	5 7	6 '22	3 Schupp, New 101k 23 1	'8
Wingo, Cincinnati Tesreau, New York	4	43 103		3	3 22	Pictors and time 9 3 0 0 10 0gg, Chicago 9 1 0 10 0gg, Chicago 9 1 0 10 0gg, Chicago 1	'7
Fitzpatrick, Boston	TO	6 303	5	3 6	7 '32	I : Alciander, Aminacopinan 49 3-	

Pitcher and Club.	Gms.	W.	I.	Aver.	- Total	
	-	3	X:	750	Clubs. 2-b 3-b Home bon E hits, hits, runs, hits, to	stra G'd.
Ritter, New York Toney, Cincinnati		17	6	739	Clubs. hits, hits, runs, hits, to	ascs. Ave.
Toney, Chichinael	36 38	21	8	739		53 336
Mamaux, Pittsburgh Rucker, Brooklyn				724	St. Louis 159 93 20 1,698 4	05 '332
Rucker, Brooklyn Hill, Pittsburgh Neihaus, St. Louis. Ragan, Boston. Smith, Brooklyn. Coombs, Brooklyn. Pierce, Chicago Vaughn, Chicago Ames, St. Louis. Mayer, Philadelphia	. 19	9	X	'09Z		oz '329
Hill, Pittsburgh	. 8	2	1	'007	New York 195 68 24 1,712 4	103 '322
Neihaus, St. Louis	. 15	2	İ	'007	Brooklyn 163 75 14 1,627 3	355 '318 .
Ragan, Boston	. 38	18	11	'521		302 '317
Smith Brooklyn	. 20	14	9	'609		24m. 2m/
Coombs Brooklyn	. 20	15	IO	'500	LEADING TEN LONG HITTERS.	
Diego Phidago	- 22	-13	- 8	Your I	Total	
Flerce, Omeago	. 30			Man	zh 3-b Home ben E hits, hits, runs, hits, b	Extra G'd.
vaugnn, Chicago	. 4I	19	13	594	hits, hits, runs, hits, h	ases, Ave.
Ames, St. Louis	. 32	ID	7	.288		1 202' 911
Mayer, Philadelphia Davis, Boston Pfeffer, Brooklyn	- 43	21	15	.283	Ludersu, Philadel 36 7 7 227	71 '456
Davis Boston	. 25	4	3	'57I	Saler, Chicago 33 II I2 H24	91 '453
Pfoffer Brooklyn	- FO	18	74	1062	Saler, Chicago 33 II IS Had	
Damanga Philadalahia	10	14	11	'660	Doyle, New York 41 10 N 860 Long, St. Louis 20 25 H 223 Hinchman, Pittb'gh 34 14 5 154	73 '441
Demaree, Philadelphia Nehf, Boston	. 38			300	Long, St. Louis 20 25 H 283	76 '440
Nehr, Boston;	. 12	5	4	550	Hinchman, Pittb'gh 24 14 5 854	77 '440
	. 13	5	4	- 350	Griffith, Cincinnati. 30 16 4 253	74 '424
		II	9	'550	Hinchman, Pittb'gh 34 14 5 254 Griffith, Cincinnati 30 16 4 253 Wagner, Pittsburgh 32 17 6 238	74 '434 84 '421
Dell, Brooklyn Tesrcau, New York Rudolph, Boston	. 40	12	IO	'545	Williams Chicago at 6 22 805	
Thereau New York	- 43	19	16	543		7= 398
Parlolph Boston	43	22	19	537	Grob, Cincinnati 33 9 3 229	99 ,391
Tyler, Boston	- 44	22	19	557	LEADING TEN BASE STRALERS.	
Meadows, St. Louis	- 39	12	II	522	Players, Clubs. Games, 6 Carey, Pittsburgh	E.B. Avge.
Dale Cincinnati	40	17	тб	515	Carey, Fittsburgh 140	30 '28 ;
Adams Pittsburgh	. AO	14	14	'500	Herzog, Cincinnati 155	34 '22
		22	II	'500	Saier, Chicago 144	30 '21
Marquard, Brooklyn McKenery, Cincinnati George, Cincinnati Herbert, New York Kelly, Pittsburgh Strand, Boston	. 32	IO	102	.200		30 '21
Makey Cincipant	. 31	20		.200	Whitted Philadelphia	25 '20
	. 21	5	3	*500	Detle Pt Tonis	
George, Cincinnati	. 3		. 2		Butler, St. Louis 130	
Herbert, New York	1 12	- 18	1	*500	Johnston, Pittsburgh 147	27 '18
Kelly, Pittsburgh		I	* ±	1500	J. Miller, St. Louis 150	27 '18
	. 6	X.	Y	*400	Cntshaw, Brooklyn 154	27 '18
Don't St. Louis	38	VŠ.	272	~48×	Rescher, St. Louis 270	81" 22
Washing Beston	. 50	13	14	'481		
Hughes, Doscon	50	13	13	'480	LEADING TEN KUN GETTERS.	
McQuillen, Philadelphia.	. 39	12		*462	Players. Clubs. Games.	R. Av'ge.
Harmon, St. Louis	. 32	6	7			99 '59
Doak, St. Louis Hugher, Boston McQuillen, Philadelphia. Harmon, St. Louis. Chalmers, Philadelphia	26	8	IO	'444		87 58
		15	. 10	'44I	Doyle, New York 150	
Zabel, Chicago	772	7	0	*437	Bancroft, Philadelphia 153	85 '56
O-llas Se Louis	35	13	18	*419	Butler, St. Louis 130	78 . '55
Humphries, Chicago Lavender, Chicago Perritt, New York Cheney, Brooklyn	40			'409	Burns, New York 155	83 '54
Humphries, Chicago	31	. 9	13	409	Carey, Pittsburgh 140	75 '54
	41	-33	316	407	O'Mara, Brooklyn 149	77 '52
Perritt, New York	35	12	18	'400	Saier, Chloago 144	75 '52
Cheney, Brooklyn	30	-8	7,3	400	Million Ch Taulo	75 50
Pardue St. Louis	21	8	13	,400		74 -49
Danieloon Chicago	22	~	93	1280	Killifer, Cincinnati 156	75 '48
Douglass, Olicago	32	ź	IO	13/45	CLUB FIELDING RECORDS.	
Perritt, New York Choney, Brooklyn Perdue, St. Louis Douglass, Chicago Lear, Cincinnati Mathewson, New York Kantlehner, Pittsburgh Griner, St. Louis	39	8	10	3/5		E Ave.
Mathewson, New York .	27			204	Clubs. G. P.O. A.	
Kantlehner, Pittsburgh	29	100	13	333		212 '967
Griner, St. Louis	37	6	'na	'333	Cincimusti 160 4,201 2,118	335 '966
		19	Ip	,33X	Pittshurch 156 4.112 1.088	213 '966
Appleton, Brooklyn Cooper, Pittsburgh Schauer, New York	34	4		.308	Philadelphia 153 4.107 1.064	216 '955
	28	6	9 15	373	St. Louis 157 4,166 2,037	834 '964
Sahanar New Vork	30	-	8	273	Brooklyn 154 4,162 1,960	240 '968
Adams Chicago	36	- 3	9	100	New York	977 '06
Adams, Chicago	20	- 1	9	100	New York 155 4,158 1,997	257 '960
CLUB BATTIN	o Mari	MPE	2			278 '957
. CLUB BATTIN	C REE		24		NATIONAL LEAGUE PENNANT WIN:	NRRS.
Times.		-		W 4		
Chubs. G. at bat.			5.E. S	H. Ave.		est. Perct.
St. Louis 157 5,110	.590 I	,293	150	70 253	1876 Chicago 53	14 '788
Cincinnati 160 5,239	516 I	319	154 :	88 252	*Rost Roston 27	17 '648
New York 155 5,222	-2	300	146	20 '251	1828 Boston 41	19 707
Brooklyn 154 5,116		272		73 '249	Providence se	22 '705
Distriction 154 5,110	580 I	217	121	85 248	1879Providence	Sun. au
Philadelphia 153 4,915 Pittsburgh 156 5,110	209 1	3557		105 240 16a 247	1881Chicago	-B 166
Pittsburgh 156 5,110	-557 I	,262		6a '247	1881Chicago	20 007
Chicago 155 5,111	-670 I	,256	171	105 246	1882 Chicago 55	29 '055
Boston 157 5,072	382 1	318	127 1	98 x40	1882Chicago 55 1883Boston 63 1884Providence 84	35 643
					1884 Providence 84	28 '750
Lone Hirs	DI U	UBS			1885Chicago	25 '770
		20	tal.		1886Chicago	26 '725
Clubs, bits b	3-b Ho	me b	on K		-80- Detweit no	WE '630
	its. rui	is. hit	6 00	sen Ara.	1007Decroit	15 457
	66 53	1,7	59 5	03 '344	1888New 1 0FK	47 041
	39 58	1,8	71 4	54 340	1888New York 84 6981New York 83	43 359
	-		-	-	AND DESCRIPTION OF THE PARTY OF	

Wilson, Brooklyn

eat.	C'ub.		Lost. E	er ct.
800	.Brooklyn	86	43	*667
801	.Boston	87	51	°630
802	. Boston	102	48	*680
802	.Boston	86	44	1662
804	.Baltimore	89	39	695
Bor	.Baltimore	87	43	*660
8-6	.Baltimore	90	39	*698
090	.Boston	93	39	*705
0-0	.Bostón		47	*685
090	.Brooklyn	IOI	47	-682
899	Brooklyn	82	54	*603
900	Pittsburgh	90	49	*647
901	TV64abasaab	103	36	'743
902	Pittsburgh	. 103		*650
903	Pittsburgh	91	49	*691
904	New York	106	47	·686
905	New York	105	48	76:
906	Chicago	. 116	36	
907	Chicago	107	45	*70
908	Chicago	- 99	55	*64
gog	Pittsburgh	. IIO	41	728
010	Chicago	. 104	50	-67
	New York	. 99	54	*64
DY2	New York	. 102	48	*68:
1012	New York	. IOI	51	*66
1014	Boston	. 04	59	·61
IOIE	Philadelphia	. 60	62	*59
9-3		,,,		
	FEDERAL LEAG	TIP		
	PEUERAL LEAU	e College		

The Federal League's second season was hardly more successful than the first, which was a loser linancially and medicore from the point of view of highcless spot. It may be considered the control of th

	Chicago.	st. Louis.	ittaburgh.	ansas City.	Newark.	Buffalo.	3rooklyn.	altimore.	mos Won.	Per cent.
Chicago	II IO II IO	11	8 12	13	10	13	14 14 11 10	14 17 18 16	86 81 80 74	50: 56: 53: 52: 48:
Games Lost										

Following are the batti (In 15 or m	ng ar	nd pite	hin	z reco
INDIVIDUAL Kauff, Brooklyn L. Magee, Brooklyn Fischer, Chicago	BA AB. 136 121 105	RL 482 450 293	H. 92 87 30	TB. 165 147 95
Deal, St. Louis Konetchy, Pittsburgh Campbell, Newark Mann, Chicago W. Miller, St. Louis Flack, Chicago Evans, Baltimore	65 152 127 135 135 141 151	225 577 526 468 533 522 556	79 78 76 80 87 94	71 181 165 145 164 161 170

В	I. Brown, Chicago	36	82	IO		25 · B2 · 16 ·	305	
ĸ	Wilson	07	271	46		Ba '	303	
	ennoy Dittehungh	21		- 1		16 .	202	
	Pettion, 1100ouign	55	23	-		18 .	297 297 296 296 295 293 293 292 292 291 290 288 288	
B.	Lenworthy, Lausas City	122	397	00	•	10	29/	
	obin, St. Louis	158	022	91	1	85 16	297	
П	targer, Pittsburgh	36	54	3		16 1	296	
Ш	willing Chicago	TEO	EAA	64	Y	61 °	206	
	Willing, Chicago	130	244	-		60 '	205	
ur.	tousn, Newark	145	549	73	•	62 °	293	
В	Jaiton, Bullaio	132	430	00	- 1	20	293	
	Cooper, Brooklyn	153	526	75	X	54 26 66 53	293	
ш	Walsh St. Louis	123	432	48		26 '	202	
	Those Ruffelo	ATE	E60	86		66 '	202	
	Caller Distalment	443	209	69		F2 .	207	
œ	Achey, Phusburgh	140	500			23	ay.	
	Borton, St. Louis	159	549	98		59	290	
ш	lilmore, Kansas City	IIQ	AII	54	. 1	19	290	
	Wickland Pittshurgh	TAD	472	74	•	36	288	
	Wickiand, Littleburgh	140	7/3	-		3-	-88	
	rerkes, Pittsburgh	121	424	99	-	-5	200	
	Mowrey, Pittsburgh	151	522	50	-	148 440 96 96 165 130 85 85 85 86 1146 66 87 1146 66 87 1146 87 87 87 87 87 87 87 87 87 87 87 87 87	204	
ш	Prandall, St. Louis	84	IAL	17	7	40	284	
	Show Konese City	122	AAR	66		26	284 281 281 280 279	
	Mikw, Kansas City	130	440	~		-6	-9-	
	R. Myers, Brooklyn	IID	342	. 01		90	201	
н	Vaughn, St. Louis	144	522	, 0	,	140	280	
	Oakes Pittsburgh	152	578	5 5		ı6ı	279	
	Manchall Ruffalo	20	78		4		278	
	Matshall, Dunalo			2	•	. 20	'ann	
	Louden, Bunaio	141	470	, ,	45	30	-//	
и	Hartley, St. Louis	130	395	5 4	•	tog	270	
п	Easterly: Kansas City	TIO	310	3	Į.	85	274	
п	Zinn Reltimore	YOU	212	2 2		85	278 277 276 274 277 276 277 269 269 269 267 267 265 265 265 261 261 269 259 258 255	
н	MILL, DELCIMOTO	LOA	3**	2		-3	'ony	
	Roach, Bunaio	. 9z	343	3 3	•	93	2/2	
	Lord, Buffalo	97	357	7 4!	9	90	.209	
	Westerzil Chicago	. 03	201	7 2	9	80	'250	
	Cuiggo Brooklyn	28	-			II	'268	
	Gliggs, Dioosiyn				4	*46	**60	
н	Scheer, Newark	155	542	7 7	2	140	207	
	Plank, St. Louis	. 42	94	4 1	В	25	207	
81	Lewis, Pittsburgh	. 82	23	3 2	4	62	'266	
	Pariden Newark	742	441	5 4	7	118	'265	
н	Asimicu, Newsia	112	-	2 2	6	740	'afr	
ш	Duncan, Baltimore	. 140	5/4	9 0		440	205	
н	Hendrix, Chicago	. 49	II	32	2	30	205	
	Tinker Chicago	. 31	- 61	8	7	18	255	
	Dwelen St Louis	YOU	24	1 2	2	00	*26x	
	Diane, Du Douis mini		37	_ ;	6	*20	*+6T	
	Engle, Dullaio	. 141	49	у 5	~	-5	1-6-	
	Land, Brooklyn	. 98	29	2 2	5	90 130 76 143	200	
	Perring, Kansas City	. 153	55	23 6	7	143	259	
	G Anderson Brooklyn	126	EI	2 7	ō	138	'258	
	Name and Noments	-3-	-6	K Ś		TAE	'256	
	Esmond, Newark	. 122	20	~		138 145 115	16	
	McKechnie, Newark	. 127	41		9	115	250	
	Gagnier, Buffalo	. 20	5	2	8	13	250	
5	Conley Baltimore	. 25	2	4	3	6	250	
5	Lanouto Namark	+48	EA	0 5	25	127	*250	
ш	Daporte, Newark	40		2	2	-51	.440	
ш	Fritz, Chicago	. 79	23	7	2	23		
5 3 3 5 5 5 5	Owens, Baltimore	95	33	33 3	52	-3	249	
٥	Reed, Newark	. 20	2	7	5	19	247	
7	Crawford Raltimore	. 27	8	2	4	20	*244	
я	Crawiord, Datelinoie				м	9		
	mait, Brooklyn	151	22	46 x 60 y 34 6 7 8 4 5 1 7 6 6 6 5 2 6 7 4 3 3 3 3 4 2 2 7 2 2 4 6 2 3 5 2 6 7 8 4 5 1 7 6 6 6 6 5 2 6 7 4 3 3 3 3 4 2 2 7 2 2 4 6 2 3 5 2 6 7 8 4 5 1 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		-0	250 249 249 244 244 243 241 241 241 241 241 241 241 241 241 241	
3	Knabe, Baltimore	10	3 32		59	70	243	
	D. Brown, Kansas City	7	7 22	20 :	13	55	243	
	F Johnson St. Louis .	15	5 52	10	¢8	183	'241	
	Deschammon Dittaligh	1 72	. 4	So i	26	113	'24'	
	pergnammer, Fibleby	., 13	4	3	-	3	100.00	
	Heilrich, Brooklyn	4	3 10	34 :	-	-5	240	١
	Bradley, Newark	7	5 2	25	10	54	240	j
	Hanford Chicago	7	5 18	Bo :	38	43	230	I
	Destroyd Waters City		2 0	na	6	22	'23	
	I acasiu, Kansas City.	4	3	-6	6	+2	. 23	ı
6.	Russell, Baltimore	5	3 2	70	0	10	237	7
	Kruger, Kansas City .	8	0 2	4I :	34	57	23	ì
	F Smith Brooklyn	14	5 5	00	49	118	23	
7	Waire Chicago		0	85	6	20	'22	
4	Weiss, Onicago	0	7 .	-3			. 22	
6	Goodwin, Kansas Cit	7 8	2	29	-3	54	231	
14	Kirkpatrick, Baltimor	re 6	O I	71	21	40	23,	ı
ü	Bailey, Chicago	4	I	73	5	17	'23	
17464	4. Brown, Ohlospo amon, Pithough amon, Pithough amon, Pithough amon, Pithough argor, P	72	2 4	53	10 18 6 6 4 4 9 6 23 23 57	137 59 83 19 20 128 78 55 123 128 25 43 22 188 26 47 128 47 128	'22	

AB. R. H. TB. Ave-

		R	etre	spect	of\Sport.			2	53
В.	R.	H.	TB.	Ave.		GP.	W.	L	Ave.
13	35	5	8	,333	Rogge, Pittsburgh	37	17	II	607
30	494	64	II3	*229	Crandall, St. Louis	51	21	14	600
45	89	8	20	'225	Smith, Brooklyn	32	9	6	600
2	591 348	78	133	225	Marion, Brooklyn	35	13	9	'591
30	480	29 48	78	224	Schulz, Buffaio	42	13	15	583
24	412		92	'223	Devenment St Louis	34 55	22	18	5550
3	54	35	12	222	Davenport, St. Louis Knetzer, Pittsburgh Johnson, Kans 3 City	41	18	15	545
8	54 288	23	64	'222	Johnson, Kansa City		19	16	543
20	81	7	18	'222	Prendergast, Chicago. Barger, Pittsburgh Mosely, Newark	42	14	12	538
35	77	5	17	'221	Barger, Pittsburgh	34	q	8	520
21	372	34	8r	'218	Mosely, Newark	28	15	14	517
34	rrg	15	26	'218			16	15	'516
20	400	40	87	218	Kaiserling, Newark	41	15 -	15	'500
:8	51	3 26	II	'216	Groom, St. Louis	37	fi	EE	500
70	220		49	215	Comstock, Pittsburgh	12	3	3	.200
50	52	7	II	,512	Kaiserling, Newark. Groom, St. Louis Comstock, Pittsburgh. Mullin, Newark	5	2	2	500
00	179	15 26	38	212			2	2	500
58	152		38 32 88	'211 '208	Drandom, Newark	16	I	25	500
96	424	40	60	'208	Brandom, Newark Bedient, Buffslo Main, Kansas City	53	15		481
	298	93	84	207	Ringiacket Recolium	35	13	T4	481
40	405 126	47	94 26	207	Bluejacket, Brooklyn Watson, St. Louis	23		IO	474
40 43	81	49	98	204	Finneran, Brooklyn	33	10	10	474
43 41	133	12	27	203				17	455
36	75	5	15	200	Felkenherg Brooklyn	38		14	444
32	50	5	10	200	Wiltse Brooklyn	18		5	444
28	65	5	13	200	Falkenberg, Brooklyn. Wiltse, Brooklyn Black, Baltimore Ford, Buffalo			9	437
8.4	215	13	43	'200	Ford, Buffalo	21	6	å	429
65	201	16	40	*199	Upham, Brooklyn	33	6	8	429
65 63	187	20		*198	Upham, Brooklyn Lafitte, Buffalo Suggs, Baltimore	. 31	8	EX	421
00	289	32	37 57	*197	Suggs, Baltimore	- 35	IZ	27	'414
92	279	24	55 18	*197	Suggs, Battmore R. Johnson, Baltimore Willett, St. Louis. Hearne, Pittsburgh. Henning, Kansas City Bailey, Chicago Krapp, Buffalo Quinn, Baltimore	- 34	10	3.5	'400
33	92 88	3	18	196	Willett, St. Louis	. 17	. 2	3	'400
39		-	16		Hearne, Fittsburgh	. 25	6	XX	353
29	52 68		IC		Henning, Kansas City	- 40		16	'333
40		2	13	191	Balley, Chicago	41		20	.310
35	74		14		Arapp, Bullaio	- 31		20	310
44	96	14			LeClair, Baltimore	- 44	9	22	'290
	27 60	I	21		Brennan, Chicago			9	273
35 47	142	7	29					16	*200
34	60	10	- 2		Welker Brooklyn	77	1	4	200
37	81	4	14		Conley Baltimore	. 21	,	-	'200
5	76	- 4	I.	771	Wilson, Brooklyn	. 18	3 1	8	TIL
41	105	2		3 '171	Walker, Brooklyn Conley, Baltimore Wilson, Brooklyn Woodman, Buffalo Blackburn, Kansas City Billiard, Newark Commits, Pittshurch		5 0	¥	,000
36	124	16	21		Blackburn, Kansas City	. 3	7 0		'000
36 48	96	16	10	5 '167	Billiard, Newark	. 2	4 0	T	'000
33	40	5		3 '160				2	'000
	65	3	I		Adams, Kansas City	. 33		2	'000
41	79 80	3	33		Young, Baltimore		9 0	3	.000
36		4	1		Ehmke, Buffalo	. 1	5 0	3	.000
43	88	5			TEAM BATTI	N/C			
38	75 60	4	1			R.	BH.	88.	Ave.
24		33					1,337		
41	92				Pittsburgh 153 5,040 5	192	1,383	212	
4×	70 31	- 4		9 '129 4 '129	St. Louis 150 5,039 5	534	1,343		261
27	31	3		9 123	Chicago 155 5,130	40	1,329		'259
34	73			, 103	Newark 155 5,090 5	585	1,275		
RE	CORDS				Ruffelo 152 5 oft 1	574			*247
	GP		7. L	. ATE	Kansas City 153 4,939 5	547	1,207	146	*244
	01					550	1,222	125	
	1								
	4				LONG HITS BY				
	3				Club a-BH. 3-B	H. B	R.	TB.	Ave.

MOTALL, INEWALK 35 00	7	4.4	103	Бтеппап, Споаво 19 3 9 250	
Simon, Brooklyn 47 142	7	25	776	Bender, Baltimore 26 4 16 '200	
Rheam, Pittsburgh 34 69	10	12	. 174	Walker, Brooklyn 13 1 4 '200	
Rogge, Pittsburgh 37 8x	4	14	173	Conley, Baltimore 25 1 4 '200	
Marjon, Brooklyn 5 76	4	13	171	Wilson, Brooklyn 18 1 8 '111	
Schulz, Buffalo 41 105	2	18	171 ;	Woodman, Buffalo 5 o x 'ooo	
Marsans, St. Louis 36 124	16	21	159	Blackburn, Kansas City 7 o I 'ooc	
Jackson, Chicago 48 96	16	16	'167	Billiard, Newark 14 3 1 '000	
Black, Baltimore 33 50	5	8	160	Camnitz, Pittsburgh 4 0 2 '000	
Groom, St. Louis 37 65	3	IO	154	Adams, Kansas City II o z 'ooc	
Kaiserling, Newark 41 79	3	13	152	Young, Baltimore 9 0 3 '000	
J. Anderson, Buffalo 36 80	4	12	152	Ehmke, Buffalo 18 o 3 '000	
Moseley, Newark 43 88	5	13	140		
Finneran, Brooklyn 38 75	4	IO	'I33	TEAM BATTING.	
Bluejacket, Brooklyn 24 60	3	8	'x33	Club. G. AB. R. BH. SB. Ave	
Knetzer, Pittsburgh 41 92	8	13	,130	Brooklyn 153 5,040 647 1,337 244 '265	
Krapp, Buffalo 41 70	4	9	120	Pittsburgh 156 5,039 592 1,323 212 '26;	
Dickson, Pittsburgh 27 31	3	- 4	129	St. Louis 159 5,148 634 1,343 185 '261	
R. Johnson, Baltimore 34 73	4	9	'123	Chicago 155 5,130 640 1,329 168 '259	
				Newark 155 5,090 585 1,275 184 '250	
PITCHING RECORDS				Buffalo 153 5,063 574 1,250 184 '241	
GP	. W.	T.	ATC.	Kansas City 153 4,939 547 1,207 146 '24:	
Burk, Pittsburgh	2	0	1,000	Baltimore 154 5,055 550 1,222 125 '241	2
Herbert, St. Louis 13		0	1'000		
McConnell, Chicago 44		IO	714	LONG HITS BY CLUBS.	
Raulbach, Newark 33	20	10	*667	Club	
Marshall, Buffaio 21	2	I	'667	Brooklyn 202 75 36 1,797 35	
Plank, St. Louis 41	21	H	656	Chicago 184 74 50 1,811 '35	3
Cullop, Kansas City 44	21	II	'656	St. Louis 199 83 25 1,783 '34	5
M. Brown, Chicago 35		Q	'654	Pittsburgh 176 81 20 1,721 '34:	
Allen, Pittsburgh 4	2 23	13	*639	Buffalo 190 65 40 1,690 '33	4
Dickson, Pittsburgh z		4	*636	Newark 206 77 17 1,686 '33	E
Packard, Kansas City 4		13	'625	Kansas City 199 65 28 1,620 '32	
Anderson, Buffalo 3	5 10	IR	'613		2
1200011001					

	TEN	LONG I	HITTER:	g.		Y
Diagona Clubs	2-1	н. з-ВН	HR.	TB.	Ave-	II.
LEADING Players. Clubs. Kauff, Brooklyn. Konetchy, Pittsb', Chase, Burfalo Mann, Chicago Magea, Brooklyn Zwilling, Chicago Evans, Baltimore Flack, Chicago Tobin, St. Louis Kelley, Pittsburg	2	3 11	12	246	'510	ľ
Konetchy, Pittsb'	gh :	18	IO	278	482	1
Chase, Buffalo	3	2 9	17	267	'469	H
Mann, Chicago	1	4 19	4	209	447	ľ
Magee, Brooklyn	1	o IO	4	199	442	
Zwilling, Chicago	3	3z 6	12	240	441	
Evans, Baltimore	3	31 10	4-	233 217	419	
Flack, Chicago	1	19 14	3	217	'416	
Tobin, St. Louis	:	27 14	0	255	415	
Kelley, Pittsburg		11 19	4	214	400	
LEADING	TEN	BASE S	TEALE			
LEADING Players. Clubs. Kauff, Brooklyn Flack, Chicago Magee, Brooklyn Mowrey, Pittsbur Louden, Buffalo Roush, Newark Johnson, St. Lou Cooper, Brooklyn Scheer, Newak			G.	SB.	Ave.	
Kauff, Brooklyn			136	56	'41	
Plack, Chicago			141	38	27	m
Magee, Brooklyn			121		27	B
Mowrey, Pittsbur	rgh		151	39	'26	
Kelley, Pittsburg	zh		148	36	*24	
Louden, Buffalo			141	30	.31	
Roush, Newark			145	30	'21	н
Johnson, St. Lou	is		152	31	*20	
Cooper, Brooklyr	1		153	31	*20	
Scheer, Newa.k			×55	31	'20	
LEADIN	or The	K RING	GETTER	33 39 36 30 30 31 31 31 31		
TENDIN	G IL	A Tren.	G.	72	Ave.	
Players.	Cmos.	reh	V.	06	'02	
Derguammer, En	e con un	g11	134	80	.03	
Magee, Drooklyn			*25	07	.68	
Batti, Bruoklyn			150	08	-62	н
Borton, St. Doub	0		*39	94	163	н
Evalls, Darennor	·····		747	82	*62	
Campbell Nows	ek		197	28	.6x	
Chara Buffelo	4 P		745	86		
Chase, bunato			168	01	.58	
Tobili, St. Douts			. 230	22	.53	
Players. Berghammer, Pid Magee, Brooklyn Kauff, Brooklyn Borton, St. Louis Evans, Baltimor Flack, Chleago Campbell, Newa Tobin, St. Louis Esmond, Newarli	d		455	•	33	
Club.	G.	P0.	Α.	E.	Ave	
Club. Pittsburgh.,	G. 156	PO. 4,147	x,952	E. 176	'972	
Club. Pittsburgh St. Louis	G. 156 159	PO. 4,147 4,277	A. 1,962 2,026	E. 176 212	'972	7
Club. Pittsburgh St. Louis Newark	G. 156 159 155	PO. 4,147 4,277 4,220	A. 1,962 2,026 2,048	E. 176 212 247	'972	7 2
Club. Pittsburgh St. Louis Newark Chicago	G. 156 159 155 155	PO. 4,147 4,277 4,220 4,194	A. 1,962 2,026 2,048 1,960	176 212 247 243	'972	7 2 2
Club. Pittsburgh St. Louis Newark Chicago Buffalo	G. 156 159 155 155 153	PO. 4,147 4,277 4,220 4,194 4 068	A. 1,962 2,026 2,048 1,960 2,048	E. 176 212 247 243 243	'972	7 2 2 2
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City	G. 156 159 155 155 153	PO. 4,147 4,277 4,220 4,194 4 068 4,973	A. 1,962 2,026 2,048 1,960 2,048 2,160	212 247 243 242 256	'972	7 2 2 2 1
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore	G. 156 159 155 155 153 153 154	PO. 4,147 4,277 4,220 4,194 4 068 4,073 4,080	A. 1,952 2,026 2,048 1,950 2,048 2,150 2,049	256 263 243 243 243 256 263	'972	7 2 2 2 9
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn	G. 156 159 155 153 153 154 153	4,080	2,049	256 213 247 243 242 256 263 290	'972	7 2 2 2 9 5
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn	G. 156 159 155 153 153 154 153	4,080	2,049	E. 176 212 247 243 242 256 263 290	'972	2 2 2 2 2 3 5
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn FEDERAL I	G. 156 159 155 155 153 153 154 153	4,080	2,049	2. 247 243 242 256 263 290 INNEI	'972	3 7 2 2 2 2 1 1 9 5
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Baltimore Brooklyn FEDERAL I	G. 156 159 155 155 153 153 154 153	4,080 4,058 E PENN	2,049 2,079 ANT W	263 290	'972	3 7 2 2 2 2 2 5 5 5
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Baltimore Brooklyn FEDERAL I	G. 156 159 155 155 153 153 154 153	4,080 4,058 E PENN	2,049 2,079 ANT W	263 290	'972	2 7 2 2 2 2 2 3 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn FEDERAL I	G. 156 159 155 155 153 153 154 153	4,080 4,058 E PENN	2,049 2,079 ANT W	263 290	'972	2 2 2 2 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Baltimore Brooklyn FEDERAL I Year. Club. 1974 Indianapy 1975 Chicago	G. 156 159 155 155 153 154 153 LEAGU	4,080 4,053 E PENN	2,049 2,079 ANT W 8	263 290 INNEI 7. L. 8 65 6 , 66	'972	2 2 2 5 5 6 6
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn FEDERAL I Year. Club. 1914 Indinnape 1915 Chicago INTER	G. 156 159 155 155 153 154 153 154 153 LEAGU	4,080 4,053 E PENN	2,049 2,079 IANT W 8	263 290 INNEI 7. L. 8 65 6 .66	'97' '96' '96' '96' '96' '95' '95' '95' '85' '57' '56	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Baltimore Brooklyn FEDERAL I Year. Club. 1914 Indinnape 1915 Chicago INTER	G. 156 159 155 155 153 154 153 154 153 LEAGU	4,080 4,053 E PENN	2,049 2,079 IANT W 8	263 290 INNEI 7. L. 8 65 6 .66	'97' '96' '96' '96' '96' '95' '95' '95' '85' '57' '56	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffalo Kansas City Batlimore Brooklyn FEDERAL I Year. 1974 Indinange INTEI The Internati Buffalo after #	G. 156 159 155 155 153 154 153 154 153 2EAGU Olis	4,080 4,053 E PENN	2,049 2,079 IANT W 8	263 290 INNEI 7. L. 8 65 6 .66	'97' '96' '96' '96' '96' '95' '95' '95' '85' '57' '56	3 7 2 2 2 3 5 5 6
Club. Pittsburgh. St. Louis. Newark Chicago Buffale Kansas City Baltimore Brooklyn FEDERAL I Year. Club. 1974 Indianape 1975 Chicago INTEI The Internati Buffalo after s of the clubs wa	G. 156 159 155 153 153 154 153 254 153 264 153 264 260 28 28 28 28 28 28 28 28 28 28 28 28 28	4,080 4,053 E PENN IONAL League e race.	z,049 z,079 IANT W 8 8 LEAG Pennan	263 290 INNEI 7. L. 8 65 6 .66 UE. t was inal st	'97' '96' '96' '96' '96' '96' '96' '96'	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Raltimore Brooklyn FEDERAL I Year. Club. 1914 Indinasp 1915 Chicago INTEI The Internati Buffalo after s of the clubs wa	G. 156 159 155 153 153 154 153 254 153 26AGU CRNAT	4,080 4,053 E PENN IONAL League e race.	z,049 z,079 IANT W 8 8 LEAG Pennan	263 290 INNEI 7. L. 8 65 6 .66 UE. t was inal st	'97' '96' '96' '96' '96' '96' '96' '96'	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Raltimore Brooklyn FEDERAL I Year. Club. 1914 Indinasp 1915 Chicago INTEI The Internati Buffalo after s of the clubs wa	G. 156 159 155 153 153 154 153 254 153 26AGU CRNAT	4,080 4,053 E PENN IONAL League e race.	z,049 z,079 IANT W 8 8 LEAG Pennan	263 290 INNEI 7. L. 8 65 6 .66 UE. t was inal st	'97' '96' '96' '96' '96' '96' '96' '96'	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Raltimore Brooklyn FEDERAL I Year. Club. 1914 Indinasp 1915 Chicago INTEI The Internati Buffalo after s of the clubs wa	G. 156 159 155 153 153 154 153 254 153 26AGU CRNAT	4,080 4,053 E PENN IONAL League e race.	z,049 z,079 IANT W 8 8 LEAG Pennan	263 290 INNEI 7. L. 8 65 6 .66 UE. t was inal st	'97' '96' '96' '96' '96' '96' '96' '96'	3 7 2 2 2 3 5 5 6
Club. Pittsburgh St. Louis Newark Chicago Buffale Kansas City Raltimore Brooklyn FEDERAL I Year. Club. 1914 Indinasp 1915 Chicago INTEI The Internati Buffalo after s of the clubs wa	G. 156 159 155 153 153 154 153 254 153 26AGU CRNAT	4,080 4,053 E PENN IONAL League e race.	z,049 z,079 IANT W 8 8 LEAG Pennan	263 290 INNEI 7. L. 8 65 6 .66 UE. t was inal st	'97' '96' '96' '96' '96' '96' '96' '96'	3 7 2 2 2 3 5 5 6
Club Pittsburgh. St. Louis. Newark Chicago Buffalo Ramas City Saltimore Brooklya Febraal 1 Year. Club. 14 Indinaspa 1945 Chicago NITE The Internati Buffalo after a of the clubs wa Buffalo. Buf	G. 156 159 155 153 153 154 153 LEAGU olis	4,080 4,058 E PENN IONAL League e race. P.c. 632 Mo 656 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The fi Club. ntreal rrisbury hmond sey Cit,	263 290 7 INNEI 7. L. 8 65 6 66 6 .66 UE. t was inal st W. I 67 7 7 59 8 7 52 8	972 967 963 963 963 953 953 953 953 953 953 953 953 953 95	7 2 2 1 9 5 C 56 VE C 59 451 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 6 7	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 61 7 7 7 8	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
Club. Pittsburgh St. Louis Newark Chicago Buifale Buifale Brookly FREERAL I. FREERAL I. FREERAL I. Tyes: Chicago INTEI The Internati Buifale after of the clube w. Club. W. Buffalo 86 Providence Providence St. Cronto 72 Rochester Rochester	G. 156 159 155 155 153 153 153 154 153 LEAGU olis closs s: 1 50 67 69	4,080 4,053 E PENN IONAL League e race. p.c. Mo 616 Ha 518 Ric 500 Jer	2,049 2,079 EANT W W S LEAG Pennan The ff Club. ntreal crisburg chmond sey City	263 290 7 INNEI 7. L. 8 8 65 6 . 66 UE. t was inal st W. I 67 7 7 61 7 7 7 8	'972' '96' '96' '96' '96' '96' '96' '96' '9	7 2 2 2 1 95 c. 56 yg c. 59 45 2 1 80
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igio Rochester '601 1915 Buffalo '632
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WINNERS IN MINOR LEAGUES.
IQI4. IQIS.
American Ass'n Milwaukee Minneapolis.
Colonial League Not organised Hartford.
So Association Mobile New Orleans.
New England Lawrence Portland.
State Elmira Binghamton.
Texas
Western Sioux City Des Moines.
Central Ass'n Waterloo Burlington.
Consdian Ottawa.
Central Dayton Evansville.
Northern Duluth Fargo.
Interstate Jamestown Olean.
Western Ass'n Oklahoma Denison.
Ohio State Maysville,
Three I Davenport Moline.
Nebraska State Grand Island Beatrice.
Georgia Ala Selma Newman.
Virginia State Norfolk Rocky Mount.
Twin State Newport, N.H.
Flag Valdosta,
Blue Ridge Frederick.
WORLD'S CHAMPIONSHIP SERIES.
The Boston Americans, champions of the
American League, defeated the Philadelphia
Nationals four games out of five (8, 9, 11, 12,
13 Oct.). The winners excelled both in offense

p.c. Year. Team. 619 1912 Toronto....

Boston. 0000001 = 8 1
Philadelphia ... 0010001 x 3 5 1
Batterias—Boston: Shore and Cady. Philadelphia Alexander and Burns. Stolen bases.
Philadelphia, 12, Seriale Philadelphia, 2, Seriale hits—Boston, 2; Philadelphia, 5. First base on errors—Boston, 5; Philadelphia, 5. First base on errors—Boston, 5; Philadelphia, 5; Philadelphia, 5; Philadelphia, 5; Philadelphia, 5; Philadelphia, 6; Phila

THIRD GAME.
At Boston, 11 October.

Philadelphia ocrocoo-x 3 o Boston ocorooox 1-2 6 r

oston: Leonard and Carrigan. Bases on ball I Alexander, z. Two-base hit—Stock. The base hit-Speaker. Earned runs-Philadelphia, s; Boston, s. Sacrifice hits-Philadelphia, 3 bases—Philadelphia, 3; Boston, 4. First base on errors—Philadelphia, r. Umpires—O'Loughlin

Philadelphia coccoccro-I

Boston. Three-base hits—Cravath, Philadelphia, Scarifide hits—Philadelphia, r. Basses on balls—Off delephia, r. Basses on balls—Off delephia, r. Boston, a. Douber hits—Self-to-delphia, r. Boston, a. Douber hits—Self-to-delphia, r. Boston, a. Douber hits—Self-to-delphia, r. Boston, r. Cupites—Philadelphia, s. Boston, r. Umpires—At plate, Evans; on basse, Righer; left field, O'Longhilio, right held, Klem.

FIFTH GAME.

At Philadelphia, 13 October.

Philadelphia 20020000-4 9 I Batteries-Boston, Foster and Thomas, Cady relieving Thomas; Philadelphia, Mayer and

											Batti	ne		100	ielding
	G.	AB.	R.	H.	aB.	3B.	HR.	TB.	SH.	SB.	aver.	PO.	Α.	É.	aver.
Hooper, rf	2	20	4	2 -	- 0	0		12	0	. 0	350	8	.0		*887
Scott, 88	2	. 18	7	- 4	-			-3		- 0	*055	8	Ya	-	X'000
Speaker, of	3			- 2											1,000
Speaker, or	5	17		- 5	0	×	0	7	0.	۰	'294	10	0	. 0	
Hoblitzell, zb	5	IO	I.	- 5	0	0	0	5	x	I	312	35	. 5	X	'976
Lewis, If	5	13	I.	. 8	I	. 0	I	12	x	0	'444	IO	- X	·. O	1'000
Gardner, 3b	5	17	- 2	4	0	1	0	6	- 1	0	'235	5	14	0	1,000
Barry, 88	3	17	I	- 2	0		0	2	0	0	177	II	IO	- 1	1995
Cady, o	4	6	' 0	2	0	- 0	0	2	-	0	*333	14	4	. 0	1,000
Thomas, c	21	1.8	0	- 1	0	0		- 1	0.	0	'200	TO.	- 3	0	1,000
*Janvriu	100	- 7			0	0	0	0			1000	*	9		1,000
Shore, p		- 2	0					- 7			'200		- 5	- :	1833
	-	- 2											9	-	
	z.	z	0	0	0	•	0	0	0	0	,000	0	0	. 0	'000
!Henriksen		3	0	0	. 0	0	0	0,	0	0	1000	0	0	. 0	'000
Foster, p	3	8	0	4.	x	0	0	5	. 0	- 0	*500	4	3	0	1'000
Carrigan, c	I	3	0	. 0	0	. 0	0	0	0	0	*000	8	0	. 0	1,000
Leonard, p	I	3	0	0	0	0	0	0	0	0	'000	0	3	0	1,000
Gainer, the		= =	×	x	0	. 0	.0	7	0	. 0	'222	0	0	. 0	T'000

Totals 5 159 264 132 Batted for Cady in fir

											Batt	ing		. F	felding
	G.	AB.	R.	H.	aB.	3B.	HR.	TB.	SH.	SB.	aver.	P0.	A.	E.	are.
Stock, 3b	5	17	X	- 3	I	0	0	3.	x	.0	.118		8	0	1'000
Bancroft, 88	5	17.	- 3	5	0	0	0	5	x	0	'204	x3	20	1	*qs8
Paskert, cf	5	IQ		3	0	0	0	3	0	0	*150	17	.0-	0	1,000
Cravath, If	- 5	16	- 3	2	- 1	- 1	0	- 5	- x	0	125	5	0	0	1,000
Luderus, zb	- 5	16	×	7	- 4	0	-	12	0	0	*437	40	A		.080
Whitted, If, xb	ĕ	15	0	- 4			-	-	-	-	,000	14	7	_	1,000
Niehoff, ab	ž	16	- 7	- 0			-	- 0		-	*062	10	10	Š	1,000
Burns, c		16					-	-	÷		*187	27	-0	-	*973
Alexander, p	-	-		3,	0.		-	2		- 7	*200	-/	9		1'000
Mayer, p		3							č	ŏ	,000		2	~	1,000
Chalmers, p	-	- 3		·			· č						3		
Chaimers, p		- 3		1	_ 0	0	0		0	0	'333	0	4	0	I ,000
*Dugey	2.	. 0	0	0	0	D	0	0	0	I	'000	0	٥	0	1008
Becker, lf, rf		0	0	0	0	. 0	0	0	0	0	.000	0	0	0	1000
+Byrne	x	I	0	0	.0	. 0	0	0	- 0	0	1000	0	0	0	'000
Rikey, p		2	0	- 1	0	0			ò	0	1500	0	-	0	1,000
‡Killifer	I	I	0	0.	0	0	0	. 0	.70	. 0.	,000	0	ò	0	,000
				-	-		_		-	-	-			_	

hit s; off Chalmers, fourth panis, runs a, hit \$; of Niray, finis game (a = juning), runs, title 4. Retest of the Market of the State o

Official paid attendance for five games, 142,351. Ometal path attendance for the games, va.351. Total receipts, \$320,361.40, divided as follows:
Players, \$744,899.55; each Club, \$143,425.80;
National Commission, \$32,036.05.
The pool for the players who shared in the receipts of the first four games was divided, \$0.

recepts of the trist four games was divided, so per cent. to the winners, or \$56,939-72, and to per cent. to the losers, or \$57,950.8z. Each team had twenty-three players eligible. The individual share of the Boston players was \$3,779-99, while each Philadelphia player received

Inter-Leggue post-season series were played in Chicago and St. Louis by the local teams representing the American and National Leagues. In Chicago the Americans defeated the Nationals by four games to one, the soores heims: 9-5.0-4, 5-a, 5-o, 11-3 defeated the Nationals by four games to one, the scores being: 3-a, 5-z, 6-z, 2-7, 5-o.

COLLEGE BASEBALL.

The only inter-collegiate baseball league is that formed in 1975 by Harvard, Yale and Princeton Universities. Harvard won the first championship in this league, defeating Princeton in three games and Yale in two out of three . Won. Clubs.

beat Brown xx-ro, and lost to Brown 3-7; beat Amherst 6-0; beat Columbia 8-0; beat Holy Cross 2-1 and 5-3; beat Colby 5-1; beat Vermont 14-2; beat the Naval Academy 12-11; lost to Bates 2-3; lost to West Point 2-9; beat Boaton College 10-2 heat Williams

College roo; best Williams 4-c; best University of Virginia no-2; lost to Georgeours 4-8. 4-c.
Yale also best Pennicytenia; grupe of the Georgeours 3-1; lost to Amphora so-; best Georgeours 3-1; lost to Ambort 8-c; best Cornell as-5, and lost to Brown 7-5; lost to Dritts 3-7; best Cornell as-5, and lost to Brown 7-5; lost to Dritts 3-7; best Dest Virginia 6-a; lost to Williams 8-a; best Virginia 6-a; lost to Williams 8-a; best Foodband 8-b; best

Princeton also beat Cornell 1-0, and 10-0 Cornell 3-8; beat Virginia 4-0 and 5-1; beat Washington and Jeffersou 7-5; beat Williams 5-a, and lost to Williams 3-ro; beat Colgate 7-1; beat North Carolina 8-4; lost to Pennsylvania

State 1-3; beat Dartmouth 5-1; beat Notre Dame 6-5; beat Fordham 3-1; beat Pennsylvania 8-5; and lost to Pennsylvania 5-7; beat Amberat 4-1; lost to Brown 0-9 and 3-8. Brown beat Harvard 7-2, and lost to Harvard 5-1; beat 7ale 8-7, and lost to Yale 2-3; beat

io-nr; best Yale 8-7, and lost to Yale 2-3; best Princeton 9-0 and 3-8; best Amherst 3-0 and 6-1; best Holy Cross 5-2 and 6-4; lost to Tuits 6-8, and best Tuits 3-2; best Wesleyan 5-2; best Vermont 14-4; lost to Virginia 4-5; best Dartmouth 3-3 and nr. Cornell best Michigan 2-1, and lost to Michi-

Cornell beat Michigan a-1, and lost to Michigan a-1; but Virginis a-1, but Clojate p-1, beat collected by the control of the c

Naval Academy o-3.
The U.S. Military Academy beat the U.S.

. Colleges.	Won.	Lost	Pc.
Tufts	17	2	· 895
Army	18	3	*857
Harvard	23	5	.8ar
Syracuse	18	4	8x8 ·
Brown	18	- A	818°
Lehigh	13	5	'732
Navy	26	2	*696
Columbia	13	6	*684
Yale	10	IO.	'655
Princeton	18	13	.281
Amherst	22	9	1550
Cornell	13	2.8	*520
Fordham	.10	II	*476
Williams	0	22	'450
Dartmouth	13	30 '	1357

Teams	G.	A.B.	R.	H.	Pc.	
Army	21	726	157	318	'318	
Tufts	20	630	139	184	'295	
Navy	23	79I	172	229	290	
Fordham	22	746	134	212	*286	
Columbia	20	656	113	170	`259	
Brown	23	73×	127	188	257	
Yale	30	gőz	151	237	*247	
Williams	20	659	83	156	'237	
Syracuse	24	846	129	200	'236	
Harvard	30	982	175	226	'23I	
Dartmouth	29	940	140	212	*225	
Princeton	32	IOI4	138	227	*220	
	25	827	qб	178	'215	
Amherst	2I	680	78	143	210	
Pennsylvania	23	750	72	149	,100	
	es vi	rere:				
Team fielding average Teams.	es vi	P.O.	Δ.	E.	Pe:-	
Team fielding averag			252	E.	Pe:-	
Team fielding average Teams.	G.	P.O.				
Team fielding average Teams. Tufts Syracuse Brown	.G.	P.O. 416 579	252	37	'947	
Team fielding average Teams. Tufts Syracuse Brown Penmsylvania	G. 20	P.O. 416 579	252 266	37 50	'947 '945	
Team fielding average Teams. Tufts Syracuse Brown Penmsylvania Cornell	G. 20 24 23	P.O. 416 579 582 592	252 266 247	37 50 51	'947 '945 '944	
Team fielding average Teams. Tufts Syracuse Brown Pennsylvania Cornell Harvard	G. 20 24 23 23	P.O. 416 579 582 592	252 266 247 327	37 50 51 56	'947 '945 '944 '942	
Team fielding average Teams. Tufts Syracuse Brown Pennsylvania Cornell Harvard Dartmouth	24 23 23 25	P.O. 416 579 38z 59z 676	252 266 247 327 277	37 50 51 56 55	'947 '945 '944 '942 '941	
Team fielding average Tutts Syracuse Brown Pennsylvania Common Harvard Dartmouth Columbia	24 23 23 25 30	P.O. 416 579 382 592 676 705	252 266 247 327 277 277	37 50 51 56 55 72 77 51	'947 '945 '944 '942 '941 '933	
Team fielding average Teams. Tufts Syracuse Brown Pennsylvania Cornell Harvard Dartmouth	G. 24 23 23 25 30 29	P.O. 416 579 582 592 676 705 735	252 266 247 327 277 379 320	37 50 51 56 55 72 77 51 89	'947 '945 '944 '942 '941 '933 '933	
Team fielding average Tutts Syracuse Brown Penssylvania Cornell Harvard Dartmouth Columbia Princeton Amherst	G. 24 23 23 25 30 29 20	P.O. 416 579 582 592 676 705 735 506 757 549	252 266 247 327 277 379 320 194	37 50 51 56 55 72 77 51	'947 '945 '944 '942 '941 '933 '933 '933	
Team fielding average Tutts Syracuse Brown Penssylvania Cornell Harvard Dartmouth Columbia Princeton Amherst	G. 20 24 23 23 25 30 29 20 38	P.O. 416 579 582 592 676 705 735 506 757 549 608	252 266 247 327 277 379 320 194 390	37 50 51 56 55 72 77 51 89 64	'947 '945 '944 '942 '941 '933 '933 '933 '932	
Team fielding average Teams. Tutts Syracuse Brown Penmsylvania Cornell Harvard Dartmouth Columbia Princeton	G. 24 23 23 25 30 29 20 38 21	P.O. 416 579 582 592 676 705 735 506 757 549 608 690	252 266 247 327 277 379 320 194 390 244 292 361	37 50 51 56 55 72 77 51 89	'947 '945 '944 '942 '941 '933 '933 '932 '931 '927	
Team fielding average Teams. Tufts Syracuse Brown Penssylvania Cornell Harvard Dartmouth Columbia Princeton Amherst Navy	G. 20 24 23 25 30 29 20 38 21 23	P.O. 416 579 582 592 676 705 735 506 757 549 608	252 266 247 327 277 379 320 194 390 244 292	37 50 51 56 55 72 77 51 89 64	'947 '945 '944 '942 '941 '933 '933 '932 '931 '927 '923	

BASKET BALL.

The Intercollegiate Basket Ball Championship

Teams.	W.	I.	Per cent
Yale	8	2	*800
Cornell	7	- 3	*700
Princeton	6	4	.600
Columbia	6	4	. 600
Pennsylvania	3.	7	1300
Dartmouth	0	IO	,000

BILLIARDS.

The National Class A Amateur Billiard Cham-louship for 1915 was won on 12 March at Phila-liphia by Joseph Mayor. The standing of

Players.	W.	L.	H.F
fayer	6	0	118
Poggenburg	4	2	74
Jardner	3	3	75
Heddon	3	3	66
ord	2	4	75
Milburn	2	4	63
Tuston	I	- 5	71

H. A. Coleman		4	0	45
F. Loewenthal		2 .	12	4
C. E. White			2	43
G. P. B. Ofarke		2	3	31
D. Weiner		x	3	42
The World's Ch	ampionsh	in tou		ent s
three-cushion caron	ms was w	von at		ago o
ar March by George	Moore, of	New !	Tork.	

and William B. Huey, of Chicago. In the playoff Moore beat Daly and Huey, 50 to 47, and 50 to 47, and Huey beat Daly, 50 to 46. The scores

Name,	W.	T.	P.0
Moore	. 9	2	·81
Huey	. 0	3	.81
Daly	. 9	2	*8x
De Oro	6	4	*54
Morin	. 5	6	'45
Ellis	. 5	6	'45
Kieckhefer	0 5	6	.46
Capron		6	45
Hahman	. A	2	*26
Eames		2	.36
Jevne		2	126
Lean		TO	*000

George Moore defended his title as national

Three matches of 50 points each were played. Moore scored 150 to De Orob 144.

Moore scored 250 Sept. William B. Huey defeated George Moore in New York City, capturing the three-caroms championship in three 50-point matches. The final score was 150 for Huey and 138 for Moore.

Alfredo De Oro defeated George Slosson in a 18-22 Oct., the score for the five evenings being De Oro, 250; Slosson, 206. De Oro regained the title of National Three-cushion Champion on 19 Oct., when William Huey decided to forfeit it

William F. Hoppe defeated Koji Yamada at final score was : Hoppe, 1,500 ; Yamada, 1,231.

BOXING.

At Havana, Cuba, 5 April, Jess Willard de-feated Jack Johnson for the Heavy-weight Championship of the World. Johnson was knocked out in the 26th round. In New York City, 11 March, Willie Ritchie defeated Freddie Welsh, the English holder of the World's Lightweight Championship, in a ten-round fight. Ritchie won on points. On 9 Feb. Welsh was defeated less decisively in a ten-round fight in New York City by Joe Shugrue. James Coffey, Irish Heavy-weight Champion, defeated Al. Reich on 5 May in New York City. It was to be Reich on 5 May in New YORK CITY. It was to 0e a ten-round match, but Reich was knocked out in the third round. In Loudon, Eng., on a March, Frank Moran defeated Bumbardier Wells, the English Heavy-weight Champion. Wells was knocked out in the tenth round. On 1x match for a guaranteed stake of \$32,500. There was no decision. On 19 Ost., at Madison Square Garden. N.Y. City, Frank Moran defeated James J. Coffey the "Irish Giant." Coffey was knocked out in the third round.

third, with 5 won and 7 lost; and Yale fourth, with 3½ won and 8½ lest. Columbis has won the Championship too times, Harvard nine times, Yale twice, and Princeton once. In 1969 Harvard and Yale ited for the Championship.

addition, Pennsylvania tied with Brown in 1905,

and with Cornell in 1911 and 1914.

The Championship Tournament of the Metro-

Players.	₩.		Playors.	W.	L
		3	Kupchik		
Black	1136		Perkins		
Chajes	XX 3/2		Jaffe		. 8
A. Schroeder	ir .	Z .	Greenberg	4	II
Bernstein		534	M. Schroeder	4	II
Hodges	9%	5%	Jennings		II
Michelsen		6	Prante	3	12
Stapfer	816	636	Kussma	ó	13

Association was won at Excessor, Minth, 26 Aug., by J. W. Showskier, of Georgetown, Ky. He won 9 games and lost r. Norman T. Whitaker, of Washington, B.C., won 8% games and lost r. M. Herman Hahlbohn, of Chicago,

COURT TENNIS, RACQUETS AND SQUASH. At. Boston, on iz April, Jay Gould retained

champion in 1913 and 1914, by a scote of 15-18, 7-15, 15-1, 15-7. The Double's Championship was won in Philadelphia, 15 February, by C. C. Pell and S. G. Mortimer. They defeated Dwight R. Davis and J. W. Wear by a score of 8-25,

F. Davis and J. W. Wear by a score of 8-13, 53-29, 15-57, 16-38, 18-13, 9-15/19-14. Association The National Symphother Fernillary A. Resolution York City by Eric 8. Winston, who defeated Louis du Pout Irving by a score of 35-4, 15-13, 15-8. The Altional Squabar Tennis Champion-ship was won at Boston, Mass., 25 Pebrusty, by Stanley W. Festroon, who defeated H. A. Haines

FOOTBALL.

Harvard University won the highest ranking in the football season of 1914. Harvard lost no game and beat Bates 44-0, Springfield Technical School 44-0, Washington and Jefferson 10-5.

Michigan 7-0, Princeton 20-0, tied Brown 0-0 and best Yale 36-0. Yale best Maine 20-9, Virginia 31-8, Lehigh 20-3, Notre Dame 38-0, lost to Washington and Jetterson 7-23, best Colgate 39-7, best Brown 14-6, best Princeton 25-14 and lost to Harvard

o-36. Princeton beat Rutgers 12-0, Buckneil 10-0,

Partmouth beat Massachusetts Agricultural 29-6, Norwich 24-6, Williams ar-2, Vermout 43-6, lost to Princeton 12-16, beat Amberst 32-6, beat Tufts 68-6, beat Pennsylvania 47-6 and beat

nativo Justinouth e a nadios to Commit 18-44.

Cornall best Unities 3-6, lest o Pittabing
3-5, lest to Colgas 3-7, best Carlille 21-5, best
lickhall 3-6, best Brown 3-7, best Holy Cros
3-3, best Franklin and Marshall 3-6, best
Michigan 3-3 and Pennsylvania 3-1-3.

Michigan 18-3 and Pennsylvania 3-1-3.

Michigan 18-3, bett Michigan
Agricultural 3-7, bett Fennsylvania 3-3, lest
Curnell 3-3-8.

Brown tied Amberst o.o, lost to Cornell 7-28, beat Vermont 12-9, lost to Yale 6-14, tied Harvard o.o, beat Carlisle 20-14. Among the Western Colleges Illinois beat

Indiana 51-0, Ohio State 30-0, Northwestern 33-0, Minnesota 21-6, Chicago 22-7, and Wisconsin 24-5. Minnesota beat Ames 26-o, South Dakota 29-7, Iowa 7-o, lost to Illinois 6-21, beat Wiscobiin

Harvard and Yale have played 34 times (to the end of rors). Yale has won 23 games, Har-Yale won at and Princeton have played 40 games
Yale won at and Princeton 10, 9 were tied.

Pennsylvania wen 18 games, Cornell 3, and 1 game was tied.

GOLF.

The National Amateur Golf Championship A various of the musuale clus; of Chicago, Amateur Champion of 1999. In the fluxl round he beat John G. Anderson, of the Siwanoy Club, Mt. Vernon, N.Y., by 5 up and 4 to play. The medal scores of those qualifying in the tournament (29 Aug.-4 Sept.) were as follows:

Country, 79-73-15; Robert A. Gardner, Hinsale, 76-78-154; Francis Ouimet, Woodland, 77-78-155; D. E. Sawyer, Wheaton, 77-79-155; Maxwell R. Marston, Baltusroll, 81-76-157; Paul Hunter, Midlothian, 77-80-157; Nelson M. Whitney,

First Round.—B. I. Sawyer beat Charles Evans, [F., 6] and 4; o Day; Ferome Travers beat George A. Crump, 4 up near 20 Days; a up can 2 up 1950; a up cy bolos; and 2 up cy bolos; and 3 to play; J. B. Schlotman B. Lee heat Days and 4 to play; Nelson Whitney beat Davison Herron, 7 up and 6 to play; affect 6. Ulmar beat Moher S. Up compared to the property of the compared to the compared

G. V. Hotan, 3 up and a to play.

Second Hound.—James D. Skandish, fr., beat

Francis Guinel, 5 up and 4 to play Marx E.

Marston beat Jerome Travers, a up and z to

the following the following the following the

nut of to play; E. A. Gardner beat T. M. Sherman, a up and to play; Sherrill Sherman beat

J. N. Slearms, z up (37 holes); Nelson Whitesy

beat Alfred C. Unner, 9 up and 5 to play; J. G.

Anderson beat J. E. Schlottman, 4 up and 3 to

play; Howard B. Lee beat Hamtton Kerr, 9 up

hay; Howard B. Lee beat Hamtton Kerr, 9 up

hay; Howard B. Lee beat Hamtton Kerr, 9 up

hay; Howard B. Lee beat Hamtton Kerr, 9 up

Third Round.—Max R. Marston beat Howars, B. Lee, x np (38 holes); Robert A. Gardner bea Dwight E. Sawyer, 7 up and 6 to play; Sherrii Sherman beat James D. Standish, jr., x up John G. Anderson beat Nelson M. Whitney, 3 up and 6 to play

and z to play.

Semi-Final Round.—Robert A. Gardner beat

Max R. Marston, z up (37 holes); John G. Ander

son beat Sherrill Sherman, z up and z to play.

3. Anderson, 5 up and 4 to play.

The winners of the National Amateur Championship since 1895 have been: 1895, C. B. Macdonald; 1895, H. J. Whigham; 1897, H. J. Whigham; 1897, H. J. Whigham; 1895, B. Mindley S. Douglas; 1895, H. Walter J. Travis; 1904, Louis N. James; 1998, Walter J. Travis; 1904, Louis N. James; 1998, Walter J. Travis; 1904, Enaudier Egan; 1995, Elem M. Byur; 1999, H. Chandler Egan; 1995, Groom b. Travers; 1905, Groom b. Travers

Andubon, 82-74-13; Davidson Herron, Oakmont, 1969, Robert A. Gardner; 1916, W. C. Fownes, 86-79-139; 18-86 Guilford, Bellevoe, 86-5-66; 1; 1917,

THE OPEN CHAMPIONSHIP.

The American Open Golf Championship was won on the Baltusrol Club Course, Short Hills, N.J., 19 and 18 June, by Jerome D. Travers, of Upper Montclair, an amateur, with a score of 297 for four medal rounds. The records of those who finished the four rounds follow:

First	3d.	ath	
# iday.	Rd.	Rd.	12
J. D. Travers, Upper Montclair148 homas L. McNamara, Boston149	73	76	2
. D. Itaverel Obber promountab	73		
nomas L. menamara, boston149		75	2
. G. McDonald, Buffalo149	73	78	R
ames M. Barnes, Whitemarsh 146	79	78 76	3333
	79	70	2
ouis Tellier, Canoe Brook 146	70	79	
fichael J. Brady, Wollaston 147	76 75 76 76	79 80	12
eorge Low, Baltusrol152	13		R
toorge now, Daronstor	70	75 76	13
ack Hutchinson, Pittsburgh 153	76	75	13
red McLeod, Columbia	76	770	6
PRACTA DATA CAMPIANA	10	79 76	R
Vilfrid Reid, Seaview	75	70	В
leorge Sargent, Chevy Chase 152	75	79	
ohn A. Park, Maidstonex54	20	77	
Olli A. Fain, maidetone	75 76	78	E
Valter C. Hagen, Rochester, 151	70	79 81	k
llex Campbell, Baltimorex51		81	2
Ulhost Michalla Wilmington are	73	74	ľ
moere rechoils, whilemgood159	73	74	E
ilbert Nicholls, Wilmington 159 Immet French, York 256 Thomas Kerrigan, Dedham 153	75	75	
homes Kerrigen Dedham rea	76	77	
Charles Evans, jr., Edgewater 152	80	11	
Charles Evans, Jr., hogewater 152	00	75	E
Maxwell R. Marston, Baltusrol 154	. 8o	74	3
ames A. Donaldson, Glen View 162	76	70	
	70	70	•
. J. Sanderson, France153	77	79 79	B
llec Smith, Wykagyl	. 78	79	3
ack Dowling Sceredale ves	80	777	
ack Dowling, Scarsdale 154 H. H. Barker, Richmond 158	80	77	
1. H. Barker, Kichmond	- 00	74	B
Charles H. Hoffner, Woodbury 158	79	75 83 76 77 77	
oseph Mitchell, Ridgewood 156	74	82	
OSCUL MIDDICH, MINGOWOOD,	74	-6	•
Herbert Strong, Inwood159	78	70	B
leorge T. Sayers, Merion 156	81	77	
Sen Sayers, Scotlandx59	- 000	7777	
seu sayers, securation	79	84	В
Dave Ogilie, Morris Co	83	79	1
tto Hackbarth, Hinsdale 155	79 80	79 61	3
David Stamona Machambr unt	90	80	
DAVID SURVEUS, BLUDAWA	- 00	00	-
David Stevens, Mohawk	75 80	85 79 81	
J. J. O'Brien, Mansfield	80	70	
Francis Ouimet, Woodlandr50	80	2-	
Francis Onniet, woodiand150	- 00	·UL	-
smes R. Thomson, Phila161	78 80 79	79	
Macdonald Smith, unattached 159	Bo	70	
Thomas Anderson, Montclair 158		79 81	
momas Anderson, Montciair 150	79	OI	-3
Thomas Boyd, Fox Hills	79	8x 8a	
Harry Hampton, Lenox160	78	Sa.	
The state of the s	90	-	
Bert Battell, Flushing	03	77 78 8a	-
sack Hobens, Englewood	83	78	
		88	
O Me able Only	6-	82	
Baac S. Mackie, Uskwood 100	OI	-02	
Peorge McLean, Dunwoodie 16:	; 80	78	
saac S. Mackie, Oakwoodr6 Reorge McLean, Dunwoodier6 Tharles Rowe, Oakmontr6	8a	79	
District Money California and	6	62	

William MacCarlane, Suburban 104 75 78 327
Joseph Sylvester, West End....157 84 88 329
E. K. McCarthy, unattached ...166 88 4 331
The winners of the Open Championship since
1895 have been :—

1895 have been Fear. Score. Year. Player. Score. 1895; H. Rawlins ... 173 1900; Harry Vardon 313 1896, James Foulls 152 1901, Will Anderson 323 1897, Joe Lloyd 162 1903, Will Anderson 304 1898; Fred Herd ... 288 1903, Will Anderson 304 1899, Will Smith ... 325 1904, Will Anderson 304

Amoteur

1911, J. J. McDermott 207 Year. Player. Score, 1912, J.J. McDermott 294 1913, *F. Ouimet ... 304 1914 W. C. Hagin 290 1905, Will Smith ... 295 1906, Alec Smith ... 295 1907, Alec Ross 302 1908, Fred McLeod 322 1015, J. D. Travers, 297 1909, Geo. Sargent 290 1919, Alec Smith ... 298

(Two rounds played in 1895-'97.)

WOMAN'S NATIONAL CHAMPIONSHIP. The Amateur Woman's Championship Tourna-ment was won at the Ouwentsia Golf Club, Lake

players who qualified on 6	gebtenner		Y- 5	
Name and Club.	17.			85
Mrs. C. H. Vanderbeck, Pl	1112	41		86
		43		QI
		45	48	93
		45		
		48	45	93 96
		46	50	96
Miss L. M. Kaiser, Flossm Mrs. J. Y. Hurd, Pittsbury	100	47	49	96
Mrs. J. V. Hurd, Pittsburg	£	48	48	96
		47	49	
		50	47	97
Miss E. Chatfield, Kishwa Miss W. Coldham, Invern	ukee	49	48	97 98
Miss W. Coldham, Invern	ESS	47	51	90
		49	49	98
		53	46	99
		50	49	99
Mrs. G. F. Henneberry, G	denview	53		
Mrs. G. F. Henneberry, G. Mrs. S. Widney, Beverly		45		100
		48		100
		50	51	IOI
		51	50	IOI
		50	51	IOI
		48	53	IOI
		48	53	IOI
			50	IOI
			49	IOI
			50	IOI
			53	102
			51	103
				102
			49	IO
				104
				IO
The match play round	were as fo	llow	:-	

First Round—Mrs. W. A. Gavin bean in. c. F. Henneberry, 5 up and 5 to play that Cable of the play in the cable of First Round-Mrs. W. A. Gavin beat Mrs. G.

Ouimet, an amateur, tied at 304 with Harry Vardor and Edward Ray, and won an 18-hole play-off with 72, gainst 77 for Vardon and 76 for Ray.

Second Round-Mrs. W. A. Gavin beat Mrs. Caleb F. Fox, 2 up and 2 to play; Miss Eleanor. Allen beat Mrs. J. V. Hurd, 4 up and 3 to play; Mrs. Ronaid H. Barlow beat Miss Lillian B. Hyde, r up; Miss E. Pearce beat Miss Caroline B. Hyde, r up; Miss E. Pearce beat Miss Caroline

In Hydre, up. Miss. Pearce best Miss Sarollas. But of 5 pt and 4 po Day; Miss Alexa Strillas. But of Miss. In M

(40 holes) Final Round,-Mrs. C. H. Vanderbeck beat

Mrs. W. A. Gavin, 3 up and 2 to play.

The winners of the National Woman's Cham-The vinters of the National Womans Championship lines sigh have been 1896, Mrs. Obe. 1896, Mrs. Obe. 1896, Mrs. Ob. 1800 Mrs. 1896, 1896, Mrs. Ob. 1800 Mrs. 1896, Mrs. Ober 1

Second round the beat the converse of 1111018, 6 matches to 3; Frinceton beat Pennsylvania, 7 matches to 2. In the final round Yale beat Princeton, 5 matches to 4. In the Individual Intercollegiate Champiouship Tournament the

First Round .- F. R. Blossom, Yale, beat R. de First Runnt.—7. R. Hiosoom, Yale, best R. de. Z. Flercy, Xale, 4 up and a to play; George I. Lawyer, Princeton, best Franklin w. Uyer, Pennsylvania, 3 up and a to play; Goorge I. Bredin, Yale, best L. day; Dudley H. Mudze, Parkel, Carl Gorken, Pauley H. Mudze, Parkel, Carl Gorken, Pinceton, s. upf. holes); De Witt Balch, Yale, beat W. T. Badiman, Yale; up (3a plots); John Marshall, Jr. Williams, best John De Witt, Combon, Marchall, Jr. & Davidson-Herron, 2nd 45n blay; John M. S. Davidson-Herron, 2nd 45n blay; John M. S. Davidson-Herron, 2nd 45n blay; John M.

and 5 to play; Bredin beat Mudge, 2 up; Mar shall beat Balch, 5 up and 3 to play; Peacoc

and a to play.

Final Round.—Blossom beat Peacock, zz u

Walter J. Travis, of Garden City, won the Metropolitan (New York) Amateur Champion-

Metropolitan (New York) Amazeur Unampion-bip on the Apawamic Club course, 5 June, defeating John G. Anderson, of the Siwanoy Club, M. Verono, N.Y., in the final round, sup. The Western Amateur Championship was weat at Clereland, Ohio, on 2 July, by Charles W. Evans, Jr., who defeated James D. Standish, ir., in the final round, 7 up and 3 to play.

HOCKEY.

The Championship of the Amateur Hockey League for rors was won by the St. Nicholas Skating Club team. The standing of the teams

Teams.		W.	L	Per cent
St. Nicholas S.		7.	×	. *875
Boston A. A		6	3	*750
		3	3	. '375
Crescent A. C.		3	5	'375
Irish-American		ī	7	1125

There was no intercollegiate hockey cham-

LAWN TENNIS.

The National Championship in singles was won at the New York Tennis Club's Courts at Forest Hills, N.Y. City on 7 Sept., by William M. Johnston, who in the final round beat Maurice E. McLoughlin, champion in 1913 and 1913, 1-6, 5-0, 7-5, 10-8. In the semi-final round he beat 7-5, 10-3. In the semi-mar round he beat R. Norris Williams, and, champion in 1914; 5-7, 6-4, 5-7, 6-2, 6-2. The championship in doubles was won by William M. Johnston and Clarence J. Griffin, who beat the holders, Maurice E. McLoughlin and Thomas C. Bundy, at Forest

Louis Grave Deak Norman Johnson, 6-2, 6-4, 6-4, 8-4 and Johnson, 6-2, 6-4, 6-4, 8-4 and Dawwan beak Norman Johnson, 6-2, 6-6, 6-4, 8-4 and Dawwan beak Johnson, 6-2, 6-6, 6-1, 8-1, 18-1,

Grave, 6-2, 8-4, 10-3; Clarence J. Griffin beat Charles S. Garland, 6-3, 6-5, 6-5, 2-3; George W. Wightman beat E. D. Tolland, 6-3, 6-4, 6-1; Be-4, 11, S. Watters beat Hough Taillant, 6-4, 6-4, 4-1, 11, S. Watters beat Hough Taillant, 6-4, 6-4, 6-5; William M. Johnston beat Clarence C. Pell, 5-6, 6-4, 6-4, Karl H. Belb beat G. W. Phillips, 6-9, 6-3, 6-4; F. E. C. Though Beat G. W. Phillips, 6-6, 6-4, 6-4, F. E. C. Though Beat G. W. Phillips, 6-6, 6-4, 6-4; F. C. Though Beat G. W. Phillips, 6-6, 6-4, 6-4; F. C. Though Beat G. W. Phillips, 6-5, 6-4, 10-3; E. C. Ibomas beat A. E. Cop-land, 36, 6-2, 6-6, 3; J. B. Adoue, ir, bear Richard Stevens, 6-3, 1-5, 6-4, 2-5, 7-3; Richard Norris Williams, ab, beat Friedmith beat Wallase F. Johnson, 16-6, 6-5, 6-4, 5-5; Craig Biddle beat E. W. Peade, 6-2, 6-7, 6-1; L. Irimelli beat I. W. Knox, 7-5, 6-2, 6-1; Walter I. Pate beat J. H. Bieckfonn, 6-1, 6-4; William Rand, 4d, beat W. Irver, R. A. German, 7-5, 4-5 Francis T. Burtler, 1. Biomen, beat Penning, 7-4, 6-6

Halsey Wood, 6-r. 6-r. 6-r. Maurice E. McLoughlin beat Dean Mathey, 6-r. 6-r. 8-r. 8-S. Howard Voshell beat C. L. Johnston, fr. 6-r. 8-8, 6-r. Frederick B. Alexander beat Philip Roberts, 6-4, 6-r. 6-r. 9-r. Bernon S. Frentice beat Maurice E.

Thomas, 6-2, 7-5, 6-4; H. Norns williams, 20, beat Walter Merrill Hall, 6-2, 9-7, 2-6, 6-1; Craig Biddle beat L. I. Grinnell, 6-1, 6-2, 6-2; William Rand, 3d, beat Walter L. Pate, 6-1, 6-4, 6-1; Frank T. Hunter beat G. A. L. Dioune, 10-6, 6-3. Frank 1. Hunter beat G. A. I. Dromet, 16-5, 6-3, 2-6, 2-6, 6-3, J. S. Paffman beat W. A. Campbell, 7-5, 6-4, 6-1; Maurice E. McLoughlin beat Leonard Beckman, 6-2, 2-6, 6-2, 6-2; Frederick B. Alexander beat S. Howard Voshell, 6-4, 6-4, 34. Alexander Dead'S. Howard Voined, 6-4, 6-6-2; Bernon S. Prentice best Benjamin M. Phillips, 6-0, 6-2, 5-7, 6-0; Irving C. Wright best Frederick T. Frelinghuysen, 6-2, 6-2, 5-0; Theodore R. Pell best Watson M. Washburn, 6-4, 6-4, 6-3; Charles M. Bull, jr., beat Fred H. Harris.

6-2, 6-3.

Fifth Round.—William M. Johnston Clarence J. Griffin, 6-2, 6-1, 6-8, 5-7, 6-1; R. Norris Williams, 2d, beat William Rand, 3d, 8-6, 7-5, 6-1; Maurice E. McLoughlin beat Frank T. Hunter, 6-2, 6-4, 6-0; Theodore Roosevelt Pell beat Irving C. Wright, 6-3, 6-1, 6-1. Semi-Final Round.—William M. Johnston

beat R. Norris Williams, 2d, 5-7, 6-4, 5-7, 6-2, 6-2; Maurice E. McLoughlin beat Theodore Roosevelt Pell, 6-2, 6-0 7-5
Final Round.—William M. Johnston beat
Maurice E. McLoughlin, 1-6, 6-0, 7-5, 10-8.

LIST OF NATIONAL CHAMPIONS IN SINGLES. rfice Wineffe of the National Championalup in Singles aften e 1826 47s. E. D. Scars; 1826 47s. E. D. Scars; 1826 49s. H. W. Slocum; 1850-19s. O. S. Campbell; 1829-59s. E. D. Weren; 1856-19s. O. S. Hovey; 1856-59s. E. D. Weren; 1856-19s. M. D. William; 1937-39s. W. A. Larord; 1939. H. D. Doherty; 1934. H. Ward; 1935. R. C. Prightler, 1936. W. J. Chithier; 1937-18. C. Prightler, 1936. W. J. Chithier; 1937-194. R. Norris William; 1937. 1935. William M. Johnston.

DAVIS CUP MATCHES.

representing. Australasia, the team of the United Almanac" for 1915, pages 269-270). No matches for this cup were played in 1915 on account of the war. The Cup has been won as follows: the war. The Cup has been won as rollows; in 1900 and 1905 by the United States; 1903, 1904, 1905 and 1906 by the British Isles; 1907, 1905, 1900 and 1911 by Australasia; 1912 by the British Isles; 1913 by the United States; 1914

WOMEN'S NATIONAL CHAMPIONSHIPS.

The Women's National Championship in singles was won at Philadelphia on 12 June by and Mrs. George Chapman, of New York, 10-8,

R. Norris Williams, 2nd, won the Clay Court National Championship at Pittsburg, Penn., on 3 July, defeating George M. Church, Inter-3 July, defeating George M. Church, Inter-collegiate Champion of jort, in the final round, 7-5, 6-3, 2-5, 3-6. The Women's Clay Court Championship was won at Pittsburg, Peon., on 6 July by Miss Molla Bjurstedt, who defeated Mrs. George W. Wightman in the finals, 3-6, 6-2, Mrs. George W. Wightman in the mias, 3-6, 6-1, 6-2. The Doubles Championship was won on 3 July by George M. Church and Dean Mathey, who defeated R. Norris Williams, and, and W. M. Washburn in the finals, 6-3, 6-3.

6-3, 2-6, 7-5, 6-3. The Longwood Cricket Club's Open Tournament was won in singles by Maurice R. McLough-

in, who detasted & Norrie Williams, and, or 6 Aug., in the challenge round for the Longwood Bort. 1976. Which was all, retailed possession of the Achiel Challenge Cup by detecting in the challenge round at Scattright, M.J., or a A.Werter of the Achiel Challenge Cup by detecting in the challenge round at Scattright, M.J., or a A.Werter of the Achiel Challenge Cup and Challenger. The score was 7.5, 64, 26, 6-a. Behr had defeated McLought. 8, Norrie Williams, and, won the first Newport Invitation Tournament by deteating in the final, or as Aug., Maurice & McLoughtile, 57.

6-4, 6-3, 6-3. The Western Championship in singles was won

The Fausma-Facilic Exposition Iournament at San Francisco was won, in singles, on 27 July, by Maurice E. McLoughlin, who in the final round beat William M. Johnston, 7-9, 4-6, 8-6, 6-2, -5. The doubles were won by William M. Johnston and John E. Strachan, who, in the finals, defeated George M. Church and Dean

Two East and West series-between teams

San Francisco, 17 and 18 July, and one 9 and 10 teams won. McLoughlin and Bundy beat Church and Mathey, 6-2, 7-5, 6-3, and Griffin and Strachan beat Williams and Washburn, 8-6, 6-3, Strachan beat Williams and Washburn, 8-5, 6-3, 6-4. At Forest Hills the Eastern team won four matches out of R. Fell beat flows. In the singles Theodore R. Fell beat flows. In the singles Theodore R. Fell beat flows. In the single R. Fell beat

INTERCOLLEGIATE CHAMPIONSHIP.

Singles at the Tournament at the Merion Cricket Club, Haverford, Penn., 14-18 September, by R. Norris Williams, 2nd, of Harvard, who beat, in the final round, Leonard Beekman, of Princein the final round, Leonard Beekman, of Prince-ton, 6-a, 6-a, 6-a. The Doubles Championship was won by R. Norris Williams, and, and Richard H. Harte, fr., of Harvard, who beat, in the final, G. C. Canor and L. H. Curtis, also of Harvard, r-6, 6-7, 6-3, 6-3, 6-3, follows. A summary of the play follows. Singlea— First Bound.—R. Norris Williams, Harvard, won

6-1,6-2. Rivet Round.—Arthur Coffey and Irving Riker, Princetoo, best William Biair and Irving Riker, Princetoo, best William Biair and and John Disaton, Pennsylvania, beat W. Stevenson and G. Do Camp, Yald, 6-2, 6-2. Second Round.—taner and Curtis, Harvard, beat Edwards and Kennedy, Pennsylvania, 2-6, a-6-1; Weber and Hophims, Yale, beat Coffe,

and Riker, Princeton, 9-7, 6-3; Rowland and Disston, Pennsylvania, beat Beekman and Disston, Pennsylvania, beat Beekman and Harvey, Princeton, 9-7, 6-4; Williams and Harte, Harvard, beat Jones and Larmon, Dartmouth,

Semi-Final Round .- Williams and Harte, Har-

and Curtis, 1-6, 6-1, 6-2, 6-2.

ROWING.

The four-mile race at the intercollegiate regatta on the Hudson River at Poughkeepsie, N.Y., on 28 June, was won by the Cornell University crew by something less than half a University crew by sometaing less tain fair a selength. Cornell's time was given officially as 20,36: The time for the other crews was: Leland Stanford, ir., 20,37; Syracuse, 20,43; Columbia, 21.00; Ponnsylvania, 21.70; Subsequently the chief official timer announced that

Association of the corrected accordingly.

The two-mile race for junior eights was won by Cornell by more than a length. The time for the crews was: Cornell, 10.00; Pennsylvania,

The freshmen two-mile race was won by Syracuse by about four lengths. The time for the crews was: Syracuse, 9.29; Cornell, 9.43; Columbia, 9.49; Pensylvania, n.0.15.
The four-mile 'Varsity race at the Harvard

Yale regatta on the Thames River course at New London, Conn., on 25 June, was won easily by Yale. Yale's time was 20.52, Harvard's 21.23). The second 'Varsity two-mile race on the same day was won by Yale by a third of a length.

Yale. Owing to darkness only 12 miles were rowed. Yale's time was 8.06, Harvard's 8.10.

April, the Yale Varsity crew beat the University of Pennsylvania Varsity crew on a 1 mile 550 yards course. Yale's time was 7.56. The second Yale crew defeated the second Pennsylvania crew over the same course, the former's time being 7.52. Both races were rowed in a snow-

On the Severn River at Annapolis, Md., on 17 April, the Princeton Varsity crew-defeated the U.S. Naval Academy crew over a 12 mile course

The time of the winner was 7.02.

On the same course the Naval Academy Fourth Class crew defeated the Princeton Freshmen

The time of the former was 6.52, of the latter on Carnegie Lake at Princeton, N.J., on 8 May,

crews of Columbia and the University of Pennsylvania for the Childs Gup over a course of one mile and seven-eighths. Princeton's time was 9-45, Columbia 9-46, and Francisco in time was 9-45, Columbia 9-46, and Francisco III and May the Yale Varsity crew defeated the Varsity crews of Cornell and Princeton. Yale's time was 9-05, Cornell's 9-67, and Princeton's 9-37. The race for freshmen crews over the same

course was won by Cornell, Yale second, and Princeton third. The winner's time was 9.27. On Lake Cayuga, Ithaca, N.Y., on 22 May, the Harvard 'Varsity crew defeated the Cornell 'Varsity crew over a two-mile course. Harvari's

time was 10.42?. On the same course the Cornell freshmen crew defeated the Harvard freshmen crew, the time of the winner being 10 52. At the annual regatta of the American Rowing

Association (the American Henley) on the Schuylkill River course at Philadelphia (1 mile, 550 yards), on 22 May, the results were as

First single sculls-Won by John B. Kelly, Vesper Boat Club, Philadelphia; second, James B. Ayer, Union Boat Club, Boston. Time,

Special four-oared shells for United States Navy Cup—Won by Undine Barge Club, Phila-delphia; University of Pennsylvania, second.

four-cared shells-Won by University Barge Club, Philadelphia: Vesper Boat Club. Philadelphia, second. Time, 7.41?.

First double sculls—Won by Vesper Boat Club.

First studies switter Wou by Verjeer Boat Clob.
Philadephia (Watter Smith, bow J. B. Keily,
strole): University Barge Club, Philadephia (C. Nalle, bow; B. C. Tilghaman, attoke),
second; Metropolitan R. C., New York (Emery,
bow; Jauss, stroke), klint: Time, peri-sty of
Friet eight-cered state!—Won by Boat Club,
Pennsylvania; B. C. and University sophomore
or the complex of the co

second single sculls-Won by Arthur Osman, Syracuse University; A. X. Darling, Harvard, second; Livingston, Nonparell B.C., New York, third. Time, 8.22;

Freshmen eight-oared shells-Won by Syracuse University; University of Pennsylvania, second.

Amer observed sight-cared shells—Won by University of Pennsylvania; Harvard, second; Princeton, third. Time, 6.478.
At the National Regatta on the Connecticut.

River, at Springfield, Mass., 13-14 Aug., the

Club, Dultuh, by 1% lengths; Detroit Boat Club, Detroit, second; Springfield Boat Club, Springfield, and Ingleside Boat Club, Holyoke, Stringfield, and Ingleside Boat Club, Holyoke, tied for third; Atalanta Boat Club, Springfield.

Senior quarter-mile dash (single sculls)-Won Senior quarter-mile data transfe scalar)—Won by W. M. Hoover, Duluth Boat-Club, Duluth, by balf a length; Waldo Smith, New York A.C., New York, second; Henry Heller, Metropolitan Boat Club, New York, third; R. H. Pearse, Nouparell Rowing Club, New York, fourth.

Intermediate four-oared shells-Won by Duluth morning clud, new York second. Time, 7.071.
Senior four-cared shells—Won by Duluth Boat
Club, Duluth, by 3 lengths; University Barge
Club, Philadelphia, second; Detroit Boat Club,
Detroit, third; Union Boat Club, Boston, fourth.

lime, 6.52‡.

Intermediate double sculls-Won by Duluth

by 3 lengths; Newton Darling, Union Boat Club. by Jength; Newton Darling, Union Boat Club, Posion, second; Frank Hardins, Springfield Boat Club, third; Henry C, Piko, Atalanta Boat Club, Springfield, fourth. Time, 8 and the Comment of the Club, Philadelphia, second; Riverside and Club, Philadelphia, second; Riverside and Club, Cambridge, third. Time, 7-02. Bight-cared shells—Won by Bulluth Boat Club, Bight-cared shells—Won by Bulluth Boat Club, Bight-cared shells—Won by Bulluth Boat Club, Bight-cared shells—Won by Bulluth Boat Club.

Resementate significance intelligence with by builth, by a lengths; Minnesota Boat Club, St. Paul, second; Detroit Boat Club, Detroit, third; Farragut Boat Club, Lynn, Mass., fourth. Time, 5-34. This is a new record.

Championship senior single sculls—Won by

fourth. This, 5.34? This is a new record.

Championship senior single sculls—Won by.

Robert Dibble, Don Rowing Club, Toronto. by

1 leugth; John B. Kelly, Vesper Boat Club,

Philadelphia, second. Time, 7.27. Kelly's

time, 7.29. Waldo Smith, of New York, did not

Senior quadruple sculls—Won by Buluth Bost. Club, Duluth, by 4 lengths; New York Athletic Club, second. Time, 5.45t. New record. Cancer acc—Won by Springfield, Mass., Cance Club first crew, by half a length; Springfield

Canoe Cub second crew, second. Time, 1,444.
Senior single seulle (association)— Won by
Maldo Smith, New York A.C., New York, by
half a length; W. M. Hoover, Duluth Boat Club,
Duluth, second; Thomas J. Rooner, Reverse
wood Boat Club, Long Island City, third; New York Boat Club, Cambridge,
Cambridge, Cambridg

Fasikner, Riverside Boat Chai, Cambroge, Mass., fourth. Time, 7,35^a. Senior international four-oared shells—Won by Duluth Boat Club, Duluth, by a lengths; University Barge Club, Philadelphia, second; Union Boat Club, Boston, third; Detroit Boat

Club, Detroit, fourth. Time, 6.147.

At the Middle States Regatta on the Schuylkill River, Philadelphia, Penn., 6 Sept., the results

were us follows:

Junior single sculls—Won by W. Hannegan,
New York A.C.; N. D. McFarland, Ariol R.C.,
Baltimore, second; Ralph J. Adams, Columbia
B.C., Pittsburgh, third. Time, 7-25.

Junior Jourenard 1978. Lane, 7-35.

Junior Jourenard 1978. Won by Malta B.C.,
Philadelphia; Virginia B.C., Richmond, second;
Arundel B.C., Baltimore, third; Ariel B.C.,
Baltimore, fourth; Atalanta B.C., New York,

fifth. Time, 6.013.
Senior single sculls (140-pound class)—Won by

Senier single sculls (14,575 mil.) Retropolated class)—Won by W. H. Hart, Metropolatan R.C., New York; G. W. Allison, West Philadelphia B.C., account, Frank Patchell, Columbia B.C., excount, G. R. Hart, C. R. H

Intermediate single sculls—Won by E. G. Schmidhelser, Undire B.C., Philadelphia; D. L. Haws, ir., Farimount R.A., Philadelphia; D. L. Allers, Armdel B.C., Balumore, third Steve Zeybel, Columbia B.C., Pittsburgh, fourth E. W. Dalrymple, New Rochelle R.C., fitch

Janior double sculls—Won by Pennsylvania B.C., Philadelphia; Malta B.C., Philadelphia, second; West Philadelphia B.C., third. Time,

Intermediate four-oared gigs-Won by Wahneta B.C., Flushing, L.I.; Malta B.C., Philadelphia, second; Arundel B.C., Baltimore, third. Time,

Second quadruple sculls-Won by Philadelphia Barge Club; Vesper B.C., Philadelphia, second.

Time, 5.05.

Association senior single sculls—Won by Heury
Association Metropolitan R.C., New York; J. E.
Newlin, Philadelphia Barge Club, second;
Newlin, Philadelphia Barge Club, barge Newlin, Philadelphia Barge Club, second ; Theobald Clark, Philadelphia Barge Club, third.

theodone vars, rentacephia barge Cinc, thro. Time, 6.15; Senior four-oared shells (140-pound class)—Won by Ariel R.C., Baltimore; West Philadelphia B.C., second. Time, 6.00.

whior quadruple sculls—Won by Metropolitan Philadelphia, fifth; Quaker City B.C., Philadelphia, sixth. Time, 5-35-Junior eight-cared shells—Won by Potomac

Juliuse eght-arret assus—won by Potonies B.C., Yhnghia B.C., Richmond, second; Yesper B.C., Philadelphia, third. Time, 5-17.
Indian B.C., Hindaelphia, second; Vesper B.C., Undine B.C., Philadelphia, second; Vesper B.C., third; New Rochale End., 5-56;
B.C., Rindaelphia, S.C., Philadelphia, second; Vesper B.C., Philadelphia, S.C., Philadelphia, S

Schies deside scaller-Won by Vesper B.C.; Pennsylvania B.C., second. No time taken. In Senior deside scalle (see-gound class)—Won My Matta B.C.; Columbia B. Crim, Columbia Matta B.C.; Columbia B.C.; Senior sight-cared shelfs—Won by Vesper B.C.; Senior sight-cared shelfs—Won by Vesper B.C.; Philadelphia; Undine B.C., Philadelphia, second; Analostan B.C., Washington, D.C., chird; Artel B.C., Ballmore, fourth. Time, 5-13.

INTER-COLLEGIATE REGATTA RECORDS.

Year.	Winner.	Time
-9	Columbia	21.3
*00F		20.2
YOUR		20.0
¥000		19.0
TOTT		20.1
YATE		·····19-3
WORD	Syracuse	19.2
YORK	Columbia	19-3
1015	Cornell	19-3

HARVARD-YALE ROWING RECORDS. Harvard and Yale have rowed 49 eight-oared uces, Yale winning 25 and Harvard 24. The ecord since 1890 is given in the following table:—

		Tim	
Vany	Won by.	Winner.	Loser
7800		21.29	21.40
80	Harvard	21.23	21.57
v8or		20.45	21.42
+802 ···		25.01/2	25.15
x804	YaTe	22.47	24-40

*Two regattas were held in 1807, both won by Corn

		Time.
Year.	Won by Winn	er. Loser.
-805	Yale ax.3	0 22.05
1800 ····	Harvard	21.13
1000	Yale ar.:	21.37
TOOT	Yale 23.3	37 #3-45
1002	Yale 20.2	
T002	Yale 20.1	
Y004	Yale'	10½ 23.10
TOOK	Yale 23.	
*0006	Harvard 23.0	
1007	Yale 21.:	
T008	Harvard 24.	
T000	Harvard zr.	
IOIO	Harvard 20.	46% 21.04
TOTY	Harvard 22-1	
1012	Harvard 21	43% 22.04
TOT 2	Harvard 21.	
1014	Yale 21.	
1915	Yale 20.	52 21.13

TRACK AND FIELD ATHLETICS.

The senior national track and field contests of The senior rational track and neid contests of the Amateur Athletic Union were held at San Francisco on 7 Aug. The Olympic Club, of San Francisco, led in points, scoring 30. The Irish-American Athletic Club, of New York, was second, with 24 points. The Illinois Athletic Club, of Chicago, etc., third with a work of the second with 24 points. second, with as points. The Illinois Athletic Club, of Chicago, was third, with ar points. The other chief scorers were: Chicago Athletic Association, 7; Kamas Cr, 12 Annaeles Association, 7; Kamas Cr, 12 Annaeles Athletic Club, or Multinomah Athletic Club, or Multinomah Athletic Club, or Ore, 10; New York Athletic Club, 9; University of Chicago, 7. Some of the records were not allowed on seconnel of the high wind. The

Three-mile walk-Won by E. Renz, Mohawk A. C. New York; W. Plant, Long Island A. C., New York, second; H. W. Fitzpatrick, Young Men's Gymnasium, New Orleans, third. Time,

**J.id.*
Broad jump—Won by F. F. Worthington,
Boston A. A.; Platt Adams, New York A. C.,
Stason, Glympho Chin, San Fransecond; W. F. Sisson, Glympho Chin, San Fransecond; S. D.; San Frandepole Chin, San Grand, S. D.;
Meadowhrook, A. C., Philadelphia; F. S. Sioned,
Glympho Club, San Francisco, second; B. Dismond, University of Chicago, hiltra, Ling, Sary,
Meadowhrook, Meadowhrook, Meadowhrook, Meadowhrook,
Meadowhrook, Rouals world's record ; not allowed on account

120-yard hurdles- Won by F. Murray, San

not also wel on account of wind.

High jump-Won by G. I. Horine, San Francisco Olympic Club: C. Larson, Brigham Young Club: C. Larson, Brigham Young Charles Charles Control of the Contro

176 ft. 23/4 in.
100-yard dash—Won by J. G. Loomis, Chicago necyard dash—won by J. U. Loomis, Cincago, A. A.; A. T. Mayer, Irish-American A. C., New York, second; R. Morse, Salem-Grescent A. C., New Procklyn, third. Time, copj. equalling senior A. A. U. record, but not allowed owing to wind. Putting sepound shot—Won by A. Mucks, University of Wisconsin; L. J. Talbot, jun., Kansas City A. C., second; Reg Caughey, Olympic Club, San Francisco, third. Distance,

of R. 1874 in.

Seyrard run—Won by Le Roy Campbell,
Diversity of Chicago; D. S. Caldwell, Boston
A. A. scond; T. The Laster, Booton Island
One-nile run—Won by J. W. Ray, Illinois
A. C.; N. S. Theor, Beston A. A., scond; I. Myers, Illinois A. C. When, Charles Charles, C. W. S. Charles, C. W. Ray, Illinois
A. C.; N. S. Theor, Beston A. A., scond; J. Myers, Illinois
A. C., W. S. W. Ray, L. Candon, C. W. Ray, San
Francisco Olympic Club; P. W. Esily, Los
Angeles A. C., second; J. Loomis, Chicago A. C.,
Island, Time, e.g., Engals voorlist scond; pas
Island Sunday, San S

allowed on account of wind.

440-yard hurdles — Won by W. H. Meanx,
Boston A. A.; E. Lighter, Illinois A. C., second;
H. G. Goelitz, Chicago A. A., third. Time, o.53%.

Beats world's record of o.z4; not allowed on

account of wind.
Javelin throw—Won by G. Bronder, Irish-American A. C., New York; Chester Fee, Multinomah A. C., Fortland, Ore., second; H. Livesedge, Olympic Club San Francisco, third.

Distance, 177 ft. 734 in.

Hop, step, and inmp—Won by Dan Ahearn,
Illinois A. C.; Platt Adams, New York A. C., Hillon A. C., Platt Adama, New York A. C., Second; Michael Fahey, Iriba-American A. C., New York, third. Distance, 50-ft. 11/5/in. Break-world record; not allowed on Mucks, University of Wisconsin; C. W. Bachman, Notro Dame University, 2000d; J. J. Talbot, Jim., Kansas City A. C., third. Distance, 146 ft. 5/5 in. Breaks previous senior record of 23 ft. 8/5 in. Breaks previous senior record of 23 ft. 8/5 in. Breaks

allowed on account of wind.

Five-mile run—Won by H. Kohlemainen, Irish-American A. C., New York; Oliver Willard, Olympic Club, San Francisco, second; G. Hobgood, Multnomah A. C., Portland, Ore., third.

1mio, 35,507. 55-pound weight—Won by L. J. Talbot, jun., Kansas City A. C.; Patrick Ryan, Irish-American A. C., New York, second; J. McEachern, Cale-donian Club, San Francisco, third. Distance,

NATIONAL JUNIOR CHAMPIONSHIPS.

The National Junior contests were held at San Francisco, Cal., on 6 Aug. The Rue leading-point winners were Upon Amount of the Rue Landers were Upon Amount of the Amount

non-viral high hurdles.—Won by Harry Kirk-patrick, Los Angeles A. C.; H. S. Whitcomb, Cincinnati Chamber of Commerce, second; T. Oskes, Y. M. G. Club, New Orleans, third. Time,

e-mile walk .- Won by H. F. Fitzpatrick,

Angeles A. C., second; Fred. Watkins, Los Angeles A. C., third. Time, 8.183. One-mile run .- Won by Edgar Steut, Olympic

One-mile run.—won by goght stout, Orlingie Club, San Francisco; H. Honahan, New York A. C., second; H. Gardewing, Cincinnati Cham-ber of Commerce, third. Time, 443; H. Ludwig and C. Hunter, Caldonian A. C., San Francisco, finished third and fourth respectively, but were disgualized in the mile run for not being pro-

peny entered.

Discus throw.—Won by C. W. Bachman, University of Notre Dame; T. Dutton, Y. M. G. Club, New Orleans, second; Y. A. Sheldon, Olympic Club, San Francisco, third. Winners Throwing 16-pound hammer .- Won by J. M.

Hop, step, and jump.—Won by S. Landers, Chicago A. A.; J.E. Tracev, jr., Caledonian Club, San Francisco, second; H. Johnston, Y. M. G. Club, New Orleans, third. Distance, 47 ft. 1; jin. Former junior record 45 ft. 9 in. Not allowed

Pole vault.-Won by P. Graham, Chicago A. A. S. Landers, Chicago A. A., second; Max Hole, Chicago A. A., third. Height, 12 ft.

Ato-yard hurdles.—Won by A. E. Muenter, Olympic Cub, San Francisco; W. Hummel, Multnomah A. C., Portland, second; Meredith House, Los Angeles A. C., third. Time, 0.54. Former junior A. A. U. record, 1.04. New record not allowed on account of wind.

Cind, San Francisco : Charge Fores, Milirose A. C., New York, second; Joe Organ, Fittsburgh A. A., third. Time, 26.33 220-yard dash—Wire By R. E. McBride, Denver A. C.; Dan Jenkins, unattached, second; A. B. Booth, Chicago A. A., third. Time, o.g. Breaks world's record of o.g.; Not allowed on account.

220-yard hurdles .- Won by W. Bursch, N. Y. as yard hurdes.—Won by W. Bursch, N. Y. A. C.; F. Loonis, C. A. A., econd; d. K. A. Norton, Glympic Clab, San Francisco, third Time, c. a.g., 10d junior record, c. a.g. Year record, and the control of
44 ft. 8 in.

100-yard dash.—Won by R. Morse, Salem Crescent A. C., New York; R. E. McBride, Denver A. C., second; A. E. Ward, Chicago A. A., third. Time, co.91. Breaks National A. A. C. junior record of ro seconds, but not allowed owing to

record of to seconds, but not allowed owing to wind favoring runners. Won by S. Britler, Rock, Running broad jump.—Won by S. Britler, Rock Hand, H.J., High School; Glinor, Bloom, Brigham Young University, Prov., C., third. Winners of the S. Britler, C. C., the S. Britler, C. S. S. 1944, by Hannes Kohlematnen, of the Britle American Athleto Glub, in 23-56 Arthur 21

Foger, of the International Section in 33.49.

The Junior cross-country championship of the A. A. U. was won, at New York, 5 Dec., 1974, by Nick Gianakopulos, of the Milirose Athletic Club, in 33.43. A. J. Fogel, of the Irish American Club, was second, in 33.50.

INTER-COLLECTATE CHARMONSHIPS.
Cornell University won the championship in the intercollegiste games at Francis Field.
Philadelphia, as and as May. Cornell scored 45% points, filterand as, Vale as, Pennsylvania (1984), and the control of the contr

Pennsylvania; E. H. Starr, Cornell, second; E. P. Hammitt, Pennsylvania State, third; L. E. Grubb, Cornell, south; A. L. Lukens, Cornell, furth. Time, c. 25.

one-mile run, final-Won by I. D. Mackenzie, Princeton; L. V. Windgate, Cornell, second; R. L. Carroll, Michigan, third; S. K. Atha, Princeton, fourth; H. E. Irish, Cornell, fifth

Hamimer-throw, and—Won by H. P. Balley, Maine, distance, see ft. e.g. in (which is a new Mane, distance, see ft. e.g. in (which is a new McCutcheon, Cornell, distance, see ft. e. ft., e.g., which will be a seed of the first of

6ft. 45 in, breaking the Intercollegatet Association record at 6ft. 35 in made by T. Morit. Teams years in the collegate Association record at 6ft. 35 in made in the collegate in 1865; A. Wichards, Cornell, 6ft. 35 in, breaking Mofflie record of 6ft. 3

fourth, F. L. Cock, Messachisetts Technology, fifth. Time, 9-21 von by L. A. Whilesty, Blurth, Shad-put, final—vivo hy L. A. Whilesty, Blurth, Shad-put, final—vivo hy L. A. Whilesty, Blurth, Columbia, distance, 45 ft. 9, ft. h, second; K. C. McCuttbeen, Cornell, dinkance, 48 ft. 95; lm, third; C. W. Speez, Patricouth, distance 4, ft. 85; lm, fifth. H. Allen, Malbo, distance, 48 ft. 95; lm, fifth. H. Allen, Malbo, distance, 48 ft. 95; lm, fifth. H. Malbo, There are any second to the second secon fourth; F. L. Cook, Massachusetts Technology.

D. M. Brown, Pebbarysman Scace, united Brady, Columbia, fourth; R. L. Crawford, Princeton, fifth. Time, 0.44?.
Broad jump—Won by H. T. Worthington, Dartmouth, distance, 27 h. 3% in., second; F. A. Columbia, distance, 22 ft. 9% in., second; F. A.

Cotumbia, distance, as ft. 59 in., second; F. A. French, Maine, distance, as ft. 57 in., third A. W. Bichards, Cornell, distance, as ft. 51 a. M. French, Maine, Cornell, distance, as ft. 51 a. M. French, Maine, Cornell, distance, ft. 51 a. M. Half-mile run—Won by J. E. Meredith, Pounsylvania, C. L. Speidee, Cornell, second; M. J. Hayes, Primeton, third; F. W. Gapper, Harvard, Courth; S. M. Cooley, Primeton, fifth, Time,

Harvard defeated Yale, 53 points to 51.

At a dual meet at Cambridge, Mass., 8 May
Cornell defeated Harvard, 59% points to 57%. At a dual meet at Princeton, N.J., 8 May, Yale defeated Princeton, 62 points to 42. At a dual meet at Ithaca, N.Y., 12 May, Cornell defeated Pennsylvania, 73% points to

The track and field meet of the Intercollegiate Colleges) at Urbana, Hi., 5 June, was won by the University of Wisconsin. Wisconsin scored 38 points, Chicago 37, Missouri 21, and Hilmois 18. points, Chroago 27, Missouri ax, and nimos is.
The worlds record of o.zs for the iso-yard high
hurdle, held jointly by Fred Kelly, of the University of Southern California, and Forrest
Smithson, of the 1958 American Olympic team,
was tied by Simpson, of Missouri, running in the

final heat.

The summaries follow:

The summa

collegate record.

assystat dash. Wor by Ward, chicago; Booth, Wiscondid, second; Knight, Chicago, Chird; Hohman, Illinois, fourth. Time, cast...

Half-mile run—Ween by Campbell, Chicago; Myers, De Pauw, Bene, second; Chair, Time, cast; Lowers, Conference, record of 1-33 made by Henderton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw, Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile run—Wen by Myers, De Pauw; Handerton, of Illinois, in 1944. One mile

Two-mile race—Won by Mason, Illinois; Watson, Minnesota, second; Benish, Wiscousin, third; Goldie, Wisconsin, fourth. Time, c.33?.

220-yard hurdles-Won by Simpson, Missouri; Lighter, Coe, second; Daggy, Missouri, third; Ames, Illinois, fourth. Time, 0.24%. Lowers

Conference record of o.24f, made by Poage, Wisconsin, in 1904.

120-yard hurdles-Won by Simpson, Missouri; Packer, Iowa State, second; Ames, Illinois, third; Bancker, Purdue, fourth. Time, 0.15.

High jump-Fisher, Chicago, and E. James, Morthwestern, tied for first; height, 5 ft. xx3/ in.; M. James, Northwestern; Gorgas, Chicago, and Vidal, South Dakota, tied for third; height, 5 ft.

10% 10.

Rining broad jump—Won by Stiles, Wisconsun; Pogue, Illinois, second; Warrick, Northwestern, third; Grubemacher, Kansas, fourth Distance, ag ft. 9% in. Breaks Conference record of ag ft. 3% in., made by Friend, Chicago, in 1905.

Shot-put Won by Mucks, Wisconsin; Bach-man, Notre Dame, second; Gardner, Wisconsin, third; Crowe, Purdue, fourth. Distance, 46 ft.

3½ in. Hammer-throw—Won by Berry, Lake Forrest; Bachmann, Notre Dame, second; Mucks, Wis-

consin, third: Rhoads, Ohio State, fourth.
Distance, x38 ft. 2% in.
Relay—Relay Race won by Chicago: Wisconsin

second : Missouri third : Illinois fourth, Time.

Discus throw-Won by Mucks, Wisconsin; Bachmann, Notre Dame, second; Dutton, Iowa, third; Garrettson, Iows, and Knapp, Coe College, tied for fourth. Distance, 137 ft. 7 in.

MISCELLANEOUS.

The Astor Cup automobile race at the Sheepshead Bay Motor Speedway, N.Y. City, on 9 Oct., was won by Gil Anderson, driving a Stutz car. Anderson's time for the 250 miles was 2.24.42 Ancersons time for the 350 miles was 3.24.4.
He carried off a \$20.000 prize. Tom Roomey, in
another Stutz car, was second in 3.25.30. Ed.
O'Donnell, in a Deusenberg car, was third in
3.39.55. Roomey won \$10.000 and O'Donnell

Directum I, champion racing stallion, estab-lished a new world's record at Syracuse, N.Y. on 15 Sept., racing a mile in 1.56% without the aid of a wind shield.

On 17 Oct., Thomas Macaulay, the Canadianborn trainer of Canada's naval aviators, made seven continuous round trips from Toronto to

THE AMERICA'S CUP.

THE New York Yacht Club and the Royal | In the meantime the War in Europe had broken later Yacht Club, representing Sir Thomas | out, and to avoid possible capture by German THE New York Yacm Cato and Lee Moyar Ulster Yacht Club, representing Str Thomas Lipton, reached an agreement in July 1913, to contest for the historic America's cup in September, 1914. Owing chiefly to a disagreement as to the size of the competing boats, no races for the trophy have been sailed since recor-Sir Thomas hipton proposed that the yanks be Sir Thomas hipton proposed that the yanks be limited to seventy-five feet on the water line. According to the deed of gift, the defending club has the right to select a vessel of such size as it pleases, provided it be not iras than sixty-five nor more than ninety feet on the water 20 July, 1913, the Ulster Yacht Club of Belfast cabled that the conditions prescribed by the New York Yacht Club had been accepted and signed.

Sir Thomas Lipton's challenger, Shamrock IV., arrived at New York 16 Aug., 1914, after making most of the voyage from England under its own sail, coming by way of the Azores and Bermida.

under the circumstances it would not be ad-

have been selected to represent America. In one of the trials it sailed over a windward and leeward course of fifteen miles in 2.6.4, a record better than any made over that kind of course

					Time or
Event.	Name.	Time or Distance.	Event.	Name.	Distance.
800 800	A. Hahn, U.S.A. C. D. Reidpath, U.S.A. J. E. Meredith, U.S. A. A. N. S. Jackson, Gt. Bn. H. Kolehmainen, Finland	ant secs.a. 48t secs.a. im. 517/108008.a. 2 m. 554 secs.a.	to,000 Walk Long Jump High Jump Pole Jump	F. C. Smithson, U.S.A C. J. Bacon, U.S.A G. H. Goulding, Canada A. L. Gutternon, U.S.A. A. W. Richards, U.S.A. If, S. Babcock, U.S.A. M. J. McGrath, U.S.A. P. J. McDonald, U.S.A.	55 secs.c. 46 m. 28% secs.c. 7.66 metres.c. 1.93 metres.c. 3.95 metres.c. 54.23 metres.c.

EVENTS OF THE YEAR 1915.

CRIMES, NOTABLE.—Charles Becker, formerly a lieutenant on the New York Police force, paid, pu 20 July, the death penalty for his part in the murder of Herman Rosenthal, a New York City closed the notorious Rosenthal case, the four closed the notorious Rosenthal case, the four gummen who, under the police leutenand's inci-gummen who, under the police leutenand's inci-trequented apota in New York City, having been executed on 14 April, 1944. Becker was con-victed of murder on as Get., agaz. On as Peb., victorial control of the property of the pro-reversed the verifict and ordered a new trial. A second conviction was affirmed by the State Court. That conviction was affirmed by the State Court. numer conviction was alliment by the State Court of Appeals on as May, spr. On 10 July, Associate Justice Hughes, of the United States Supreme Court, refused to grant a writ of error carrying the case into the Federal Supreme Court on the ground that no substantial Federal Continued the Continued as a supposition the Federal District Court for the Bistrict of New Hampshire, the Governor was enjoised from granking the write. Judge Aldrich, of the William of William of the William of William of William ophical in order of the William of William of William ophical in order of the William of William of William of William ophical in order of the William of William

Frank was a Jew, employed as superintendent in a pencil factory in Atlanta, 6a. He was accused of the murder of Mary Phagan, one of the employees in the factory, and was convicted on as Aug., 1923, chiefly on the testimony of a negro, "Jim" Conley, who confessed to having been accomplice in the murder. In October, 1923, a motion for a new trial was entered and denied denial on 17 Feb., 1914. Two weeks later a motion for a rehearing was denied by the State Supreme Court. An extraordinary motion for a new trial was made in the superior court on to certify a writ of error to the United States Supreme Court. The latter body then refused on its own initiative to review the case. On 19 Dec., 1914, a writ of habeas corpus was asked District of Georgia. It was refused by Judge Newman. He also refused to issue a certificate of probable cause for an appeal to the United any evience on which to indictany fartaquants in the lynching. On a July, Frank Holt, whose real name was Eric Muenter, attempted to assassinate J. Pierpont Morgan at the latter's country home at Glen Cove, L.I. The day before he had exploded a dynamite bomb in the Senate wing of the Capitol at Washington. Mr. Morgan munifical of war to the Alies. On a Feb. another German sympathizer, Werner Van Hern. claiming to be a German reservist, attempted unsuccessfully to blow up the railroad bridge over the St. Croix River connecting Maine with the Province of New Brunswick. Porter Chariton. an American citizen, was convicted at Comp.
Italy, on 25 Oct., of the murder of his wife, and
was sentenced to imprisonment for six years
and eight months. A year's annesty and the
deduction of the time during which the prisoner
had been under restraint reduced the sentence
to only 26 Jaz. Charlton committed the surder the properties of the orthodoxy the objective operations the objective operations the objective operations the objective operations of the obj

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therein Theorem Barrier, his a carrier ferrier and a facility of the carrier ferries and a second of the carrier ferries and a second of the carrier ferries ferries and a second of the carrier ferries ferries for the carrier ferries ferries for the carrier ferries ferries for the carrier ferries for the carrier ferries for the ferries ferries for the carrier ferries ferri

There is not to the state of th supplied to the comments of th the same of the party of the same of the the control of the co The case o studied and name office order come . Married to the seed coast to He was seeme to winder to one with the terms of the seems ecords of the Kane expedition of 1853. He utended to spend the spring of 1915 in further exploration. On 18 Sept. the Swerdrup Arctic Expedition returned to Archangel, Russia.

FOREIGN RELATIONS (other than with the selligerent Powers).—The most important event in the foreign relations of the United States in was killed on a8 July, and a state of anarchy

uerallided during the life of the Sitzy-Third Cougress, which caded a March, page. For their provisions see WHITAKERN'S AMBRITAN ALMANAY for 1292, page 794. A Third-Marchian Planaries which despites from the eight-constitution of which despites from the eight-constitution of additional stanning limes to the East and West additional stanning limes to the East and West additional stanning limes to the East and West mended, as well as an extension of American banking and credit facilities.

Mine workers organization. The strike assect over 14 months, cost 66 lives, and plunged Colorado into a condition of civil anarchy, the Governor having to call on United States troops to preserve order and protect property. Federal troops remained in Colorado from 38 April till troops remained in Colorano from as April in the middle of December, 1974. President Wilson on 29 Nov., 1974, appointed a commission, con-sisting of Seth Low, of New York, Charles W. Mills, of Philadelphia, and Patrick Gilday, of Cleveland, to carry out, if possible, a plan of dent's plan, and asked the mediation commiselect representatives on a basis of one for every exclusively in the company, and, as expressly restricted, this right shall not be abridged by anything contained therein." The plan provides, however, that the company must post a list of offences for which dismissal may be made without notice; for all other offences employes the committee fails to hear, it may select an umpire, whose decision shall be binding on all

in excess of thirty minutes spent to preparing their engines for service; switch segiments will receive an advance in daily pay of as centre on the control of their engines of cach smoothing threaty-of thour small they get runs; through freight wags rates were of engine, and ago onto so some of the extremely heavy engines; way freight enginesms will heavy engines; way freight enginesms will heavy engines; and their engines of the enginesms will be conducted in such a way as not to endanger life, limbs or nerves. A fune, a strict of receivable systems were teld up. Two days later arbitration was smoothing to the enginesm of the enginesm were teld up. Two days later arbitration was smoothing to the enginesm of the enginesm were teld up. Two days later arbitration was smoothing to the engineers of the enginesm were teld up. Two days later arbitration was smoothing to the engineers of the enginesm were teld up. Two days later arbitration was smoothing to the engineers of the eng

and empoyed about p, 200 men.

IEGAL—The most important decision made
by the United States Supreme Court in 1995
citates of the Constitution of the Constitution to
be unconstitutional and void. The decision,
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cultication of the provisions of the Constitution of the Constitution
in the Oktahoma Constitution in an illerency
article, secondaring from reptiarcian as an elector
of the State Constitution. This exclusion was
to be waived in the case of every person who on
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or who at any time resided at some foreign
anation, and in the case of every person who on
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that the Oktahoma Constitution applied such
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arriaged by the United States or by any State
of servitude. Chef Januse White, in 11

opinion, said: "It is true it (the Oklahoma Constitution) contains no express words of an account of from the standards which it estab-lishes, of any persons on account of race, color or previous condition of servited, pro-nibited by the Fifteenth Amendment; but the standard itself inherently brings that result into existence, since it is based purely on a period of time before the enactment of the cision of the Federal District Court for the district of New Jersey, and declared the contract of 1909 between the Delaware, Lackawanna, and Western Railroad Company and the coal company of the buying from any other source. In this provision the railroad had clearly gone beyond what was necessary to insure the taking of its own coal, and, in effect, prevented the coal company from and, in effect, prevented the coal company from becoming a competitor of the railroad in pur-chasing coal from other mines along the fine. The Court pointed out that the railroad pur-chased 900,000 tons of coal annually from other producers. "If it conditions in the business of mining, must shall be a superior of the producers of the coal to the coal of the coal of the coal of the coal that coals of the coal of the coal of the coal that the coal of the coal of the coal of the coal that coal of the coal of the coal of the coal of the coal coal of the leave the buyer free. It cannot call that agent mines. It must leave the buyer as free as any other buyer who pays for what he has bought. It should not sail to a corporation with officers statute (commodities clause) requires that instead of being managed by the same officers astatte (commodities clause) requires that instead of being managed by the same officers anything, either in contract or conduct, that remotely savors of joint action, joint interest, or the dominance of one company by the otherment's fight to break up the Anthractic Coal Tunt. On as June the Court finally settled the West Virginia over a division of the public debt of the old State of Virginia for to the division by deciding that west. Virginia a star of the dott was 4 starton, on which we will be the control of the coal state of the dotter was 4 starton, on which were division of the public debt of the old State of Virginia for the division of the public debt of the old State of Virginia for the division of the public debt of the old State of Virginia for the division of the public debt of the division of Virginia for the division of the public debt of the division of Virginia for the division of the public debt of the division of Virginia for the division of the public debt of the division of Virginia for the division of the public debt of the division of the d

\$8,175,000. The amount of the interest was reached by assessing a charge of a per cent. on the principal from 1867 to 1897, and 3 per cent. on the principal from 1867 to 1897, and 3 per cent. from that date to the present time. The Court further decided that West Virginia should pay 5 per cent. from now till the settlement of the a per cents from flow the the Settlement of the claim. The decision sustained the findings or. Special Master Charles E. Littlefleld, who recommended \$\frac{2}{\pma}_{\pma} \text{cons} \text{ West Virginia's share of the debt, but left the question of interest to the Court's decision. On 12 June the Court decided that the Federal Government had right to forfeit the unsold portion of the Gregon to some 2,300,000 acres, and valued at more than \$30,000,000. The railroad company was enjoined, however, from future sales in violation of the conditions of the grant until Congress has reasonable time to act. Justice McKenna, for the Court, held that the Government's position conditions were in the nature of "enforcible covenants." The Justice said Congress would have six months for action in the case. On 5 Jan. the Court, ending eleven years of litigation, held that 200 Connecticut labor union inigation, neid time 250 connection isour union members must pay \$22,130.00 damages under the Sherman anti-trust law for a nation-wide bopcott of D. E. Loewe & Co., of Danbury, Com, hat manufacturers, who refused to unionize their shops. On ag Jan. the Court declared unconstitutional the Kansas statute, making it undismissal if he did not withdraw from the Switchman's Union of North America. The Court held: "Just as labor organizations have the inherent and constitutional right to deny during useh membership he will not accept or retain employment in company with non-union men; and fust as a union man during mem-ules the ambigure will agree demployment unless the employer will agree demployment unless the employer will agree not to employ any non-union man; 30 the employer has the constitutional right to insist that the employer during the term of employment. Three justices, Day, Haghes and Homes, dissented. The decision invalidated similar laws in California, Colorant, Connection, Indiana, Massachuottick, law, On zr June it sustained the constitutionality of the Illinois Pure Fool law prohibiting the sale of food preservatives containing boric acid. On 2x Dec., 1914, the Court reversed the District Court for the District of New Hampshire, and directed that the writ of extradition State of New York, should be carried into effect. not be taken into consideration in a habeas corpus proceeding, and that New Hampshire was obliged to honor the requisition of New York as one made in entire good faith—an assumption disputed by Thaw's counsel. On x Nov. the Supreme Court annulled as unconsti-Corporation. Andrew Carnegie is exonerated conformation. Aburew Carnegie is exonerated from any legal participation in the sale of the Carnegie company to the Steet Corporation, 00 28 Oct. the United States Government filed notice of an appeal from this decision to the Court held that the evidence on one count was insufficient, and that the other two counts in insufficient, and that the other two counts in the indictment ought not to have been con-sidered by the District Court. The first count charged conspiracy to monopolize the cash register trade of the country, while the other two counts charged the monopoly of the trade The upper Court held that, while the first count

was in proper form to present to the jury, yas evidence had been introduced concerning. National Cash Register competitors who has reviewed to the control of the property of the finding of the incidentest. This evidence, the Court and, should not have been the control of the Underwood Tariff Law of 1912, Milwight and Cash and the control of the Underwood Tariff Law of 1912, Milwigh and Cash and the Cash

INTERATURE.—"The Life and Letters of John Hay by William Rosco Thayer, was published by the Houghton Developer of the Property of the Company, A collect of the Property of the Confederace States, edited by Donglas Southall Precum, was published by G. P. Petranet & Foore.

Misrac—The Burupean war and domeslic retractment played have with the open sessons of 1941+5. The Metroplitan Open House of New York City, was the only establishment of the Control of th

sented was Leoni's one-act opera "L'Oracolo." A revival of "Carmen," with Miss Geraldine Farrari nthe title part, proved a popular success. One hundred and fitteen performances were given, with a repertory of thirty operas.

POLITICAL—Constitutional amendments extending the suffrage to women were submitted in October and November in the states of Massachusetts, New York, 80% Jersey, and Pennsylvania. All were detendably: Massachusetts, 180% of New York, 80% oo; New Jersey, 50%; Pennsylvania, 6,00%. Suffragitts were highly oncouraged by the large york given yor York. Democratic Governors were elected by very small plumittes in Maryland and Kentzeky, and in Massachusetts a Engulbican Governor were sufficient of the Control of the Control work of the Control of the Control of the Control cannot be control of the Control of the Control work of the Control of the Control of the Control cannot be control of the
RAILROADS.—The relief granted to the Eastern railroads by the Inter-State Commerce Commission's decision of a page 1997. Whitaker's American Almanae for 1993, public opinion compelled the Commission to reopen the case. The rehearing began on 19 Cet. 1914. On the Commission of the C provided and the control of the cont

interpretation of the long-and-short haul pro-visions of the Inter-State Commerce Law, the railroads had been forbidden to charge to an inter-mountain point the Pacific Coast rate plus mediate point. To avoid this double charge the

SRIPFINO—American shipping had a flourishing year is spite of the failure of Courress at the session of spar spit food any for the Courress at the session of spar spit food any food the Courress sparses on page as sparses of this council, which is featured in the first ordinary of the Courress on page as sparse of this council, which is adjusted in the first sparse of the Courress on page as sparse of this matrix in increased, in the first sparse expenditure of the Courress of the Courre 286 Events of the Year 1915—American Diplomacy in Mexico.

the feast year 146 fovefur ships of 597 971 fort were transferred to the United States fing. Of these 99 were in the Bertlith merchant marine, 320 in the German, and 6 in the Belgian. One was the state of the Stat

A. S. Franklin, vice-president of the International Mercantile Marine Company.

MISCRIANNOIS — In uprising to the Philippines, planned for as Boes, page, by Atomio Bicarto, a revolutionist in eule in Hong Kong, failed to make any headway. A raid was made on Navotas, and there was a limitary and the second of the page of the

AMERICAN DIPLOMACY AND THE REVOLUTION IN MEXICO.

With respect to Mexico, the Wilson Administration's policy in 1914-15 was as opportunist and temporizing as it had been in 1913-14. The Mexican situation straightened itself out at last, but the solution achieved was due in a negligible degree to helpful activities on the part of the

The statement of the control of the

That program was not destined to be realized. On 15 Sept., 1914, the President ordered the American troops in Vera Cruz to be withdrawn, although the actual evacuation did

not occur until as Nov. 1924. The relitment from Vera Crum marical a subsidence of interest in the political and economic fate of the Mexican control of the control of the control of the other extreme of alocfass from Mexicos internal politics. On 8 Jan., 1925, in an address alinternal politics. On 8 Jan., 1925, in an address alinternal politics. On 8 Jan., 1925, in an address alternal politics. On 8 Jan., 1925, in an address alternal politics. On 8 Jan., 1925, in an address alternal politics. On 8 Jan., 1925, in an address alternal politics. On 8 Jan., 1925, in an address alternal politics. On 9 Jan., 1925, in a politic of the is none of your business and it is none of yourshow they go about the business. The country is none of your business and it is none of yourshow they go about the business. The country is none, 1925, in a politic politic politics. In a politic politics, 1925, in an any influence with them." A few months later this pieder was encouled, and another ineffectual attempt.

After the Constitutionalist faction got control of Merico City in Sept., agg, deneral Carranza assumed the Provisional Presidence Carranza assumed the Provisional Presidence and that offers for binned, but he intringed to force a declaration from Carranza that the latter would not be a candidate for the Presidency at the first Presidential election, and, not getting it, soon started a revolt in Northern Mexico against constitution of the cons

A military convention had been created, composed of delegates representing the various armles, and this body, sitting in Aguas Calientes, and dominated by Villists influences, declared itself supreme, raised various issues with Carranza, and late in Oct., 1914, attempted to depose the latter. Carranza repudiated its authority, but finding his hold on Central Mexico weakening, he decided to evacuate Mexico City and to transfer the seat of his

withdrew most of his troops towards the north, and on 17 Jan., 1915, Gutierrez also stole away from the city, taking shout \$5,000,000 of the funds in the Villa-Zapat faction's treasury. He

General Roque Gonzales Gazza, was elected Provisional President in Gutterrez's place on 17 Jan., but ten days latter he resigned his office because he saw that the convention could no longer count on military support from General Villa. The position of the convention govern-

the tribuy controlled by Zapata's army.

General Obregon remained in Mexico City less than two months. Conditions there were desperate. The food supply was nearly shut of, and the measures taken by Obregon to extort money from the wealthier classes brought him

property of foreigness. Carrana made a dis-reset roply, but decided that political responsi-bility for conditions in Mexico City could be advantageously dodged by the decided with the deviation of the decided with the same with Yilla would have to be fought out in the north. Ohregon therefore again departed—about he middle of March—and Zapaza and his forces resumed possession. Therefore Mexico City

to Aguas Calientes. Thereafter he was never been cleared up, the Carranza forces again took

Possession of Mexico City.
On z June President Wilson dispatched to He said among other things;

vsating-toned Arpatina, Frazil, Colle, Sollvia, Uruguay, and Guatemia agreed to Join with the Secretary of State of the United States in making a Joint plea to the Mexican fractions between the control of the College
General Carranza's answer was not delivered until 10 Sept. It was a flat declination to consent "that the interior affairs of the republic be handled by mediation or by any

'The Pan - American envoys met again on 18 Sept. and decided not to confer with Carranza. and moral capacity to protect the lives and property of nationals and foreigners." This

initiative of any foreign government." The Paris American cavery were invited, however to the American cavery were invited, however to the American cavery were invited by the American cavery were to cave the cavery however to the caverage of the Carrana Government of Marcio," and Carrana gave caverage cavera rank and file of the opposing factions, and the free exercise of religion. On 19 Oct. he was formally recognised as Provisional President by the Governments of the United States, Argentina,

RECEIPTS IN 1913-14 FROM THE CORPORATION EXCISE, CORPORATION INCOME, AND INDIVIDUAL INCOME-TAX, BY STATES AND TERRITORIES.

Districts.	Corporation Excise.	Corporation Income.	Individual Income.
	\$	\$	\$.
Alabama	59:545-35	156,526.38	62,039.10
Alaska	1,075.81	4,68z.87	2,427.83
Arizona	14,961.78	72,114.06	28,614.65
Arkansas	20,639.71	95,796.38	42,035.48
California	551,251,31	1,494,591.92	879.693.24
· Colorado	117,439.58	220,755.02	111,859.11
· Connecticut	136,896.13	551,8:8.72	409,403.93
. Delaware	34,574.69	121,468.77	94,904,93
· District of Columbia	33,430-55	132,649.22	. 289,275.10
Florida	32,914.87	92,958.97	108,482.56
Georgia	98,184.91	247,774-34	115,874.11
Hawaii	19,280.35	97,524.92	34,822.62
: Ideho	8,927.03	36,406.84	12,314,44
Illinois	1,114,509.48	3,152,113.40	2,075,936.23
Indiana	143,197.61	547,853.30	180,746.61
Iowa	96,246.42	296,543.00	141,095.42
· Kansas	58,362.09	267,858.91	49,939.6x
Kentucky	81,302.36	303,990.65	98,244.6z 148,151.16
· Louislana	101,321.43	290,569.18	
Maine	73,479-97	199,547.24	75.772.35
Maryland	94,285.27	327,031.67	448,409.06
Massachusetts	514,398.24	1,447,648.89	1,505,885.72
Michigan	500,385.46	1,045,745-95	372,511.51
Minnesota	320,551.31	1,183,977.40	40,428.68
Mississipol	18,648.29	65,746.74	656,514-73
: Missouri	318,775.38	1,030,968.27	40,667.78
Montana	23,782,62	91,398.27	76,787.02
, Nebraska	67,887.72	43,879.66	13,490.37
Nevada	24,483.10	. 60,135.21	48,727.26
New Hampshire	247,467.55	1,101,468.00	716,756.20
New Jersey	10,553,66	. 38,200.28	10,389.63
New Mexico	2,220,445.64	7,447,600.10	12,522,118.04
New York	74.267.80	173,267.99	46,566.55
North Carolina	13,939.03	58.967.08	20,645.38
North Dakota	468,055.92	1.856,007.05	904,348.53
Ohio		177,763.85	93,067.04
Oklahoma	87,933.49	146,751.89	90,020.09
Oregon	1,267,483.45 67,265.72	4.643,794 19	3,176,022.29
Pennsylvania		247,465.04	324,221.74
. Rhode Island	68,013.54	82.282.51	25,751.90
South Carolina	9,174-54	40,824,42	12,351.62
South Dakota	45,415.02	225,143.07	98,274.59
Tennessee		551,241.43	360,927.55
Texas		192,503.21	27,375.04
Utah		30,114.37	89,332.26
Vermont		414.471.52	103,449.30
Virginia		295,805.42	122,468.37
Washington		236,773.03	94,627.97
West Virginia	145,476.19	497.785.32	220,505.72
Wyoming	13,022,07	48,124.72	7,533-49
п уощин	13.020.07		
Total	10,006,961.62	38,454,554-90	28,240,002.20

STATES AND TERRITORIES.

ALABAMA.

(Admitted to the Union, 14 Dec., 1819.)

Ygar,	White.	Negro.	Total.	Per sq.
1870 1880 1890 1900	521,482 662,402 834,913 1,001,390 1,228,841	475,510 600,103 678,489 827,307 908,272	996,992 1,262,505 1,513,401 1,828,697 2,138,093	19'3 24'5 89'5 35'7 41'7

Alabama ("Cotton State") is an East South Central State, bounded on the N. by Tennessee, on the S. by Florida and the Gulf of Mexico, on nne total area is grigos square miles (s. 179 fand and 779 water); the greatest breadth from E. to W. 200 miles, and the greatest length from N to S. 330 miles. The State lies between 84° 51'-88° 31' W. longitude, and 30° 13'-35' N. latitude.

There is a Senate of 25 members and a House of Representatives of 26 members, elected for four years, the franchise being consisted in effect almost entirely to white voters. The sessional indemnity of members is \$4 per

The organized militia consisted in 1915 of 162

The common schools had 433,195 pupils enrolled in 1913, out of a school population of Episc. So., 1856) at Greensboro, Howard College (Baptist) at Birmingham, Spring Hill College (R.C.) at Mobile, and colleges for negroes at of Alabama had 247 men and 31 women pro-fessors and instructors and 2,215 men and 557 women students.

The revenue for the year ended 30 Sept., 1914, amounted to \$6,607,00x; the expenditure was \$6,575,969. The bonded debt of the State amounted on 30 Sept., 1914, to \$9,057,000.

Agriculture and Live Stock .- In zoro there Agriculture and later Store. In 1980 there were 26, 201 farms, with a total area of 20,733,312 acres, of which 9,693,000 were improved. The land was valued at \$216,944,775, buildings at \$71,309,476, implements and machinery at \$15,200,000, and live stock at \$65,504,834, a total As you on, and live stock at \$65,504,804, a total for all farm property of \$37,500,500. The "Cotton Belt" of Alabama produced 1,750,000 lateled of good has no sure 1,850,400 lateled 1 good has no sure 1,850,400 lateled 1 good has not been properly to the Tunnessee valley) produced, \$28,000 bushels of cate, \$54,800 bushels of count, and 423,000 leached on v Jan., 1985, \$45,000 loops all to the total lateled on v Jan., 1985, \$45,000 loops all counties of view to 1 system of the total lateled on v Jan., 1985, \$45,000 loops all counties of view to 1 system of the total lateled on v Jan., 1985, \$45,000 loops all counties of view to 1 system of the total lateled on v Jan., 1985, \$45,000 loops all counties of view to 1 system of the view of the vi

Menufactures.—In 1909 there were 3,398 industrial establishments, employing 72,148 wage carners, the value of the products being \$145,592,000. The principal industries are pigiron and steel (Birmingham), coke, cotton manufactures, lumber and timber, flour, fertilizers,

ALABAMA

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The principal centers are Bir- separated from Asia (Siberia) by the Bering mit abate (S24,128,000), Bessemer (\$6,106,000). Montgomet; (\$5.442.000), Mobile (\$5.429.000), and Amnisten (\$4.333.000).

In 1913 there were 5.396 miles of railroad within the State and 368 miles of electric road. The length of navigable rivers is close on 2,000 voiced at Szt. 124, 990 in 1914-15, the imports (principally is its, coffee, and mahogany) being

1837, and became the canital of the State in 1847.

exceeding 5,000			
M-NTG-MERY	38.136	Tuscaloosa	8,40
Birmingham	132.685	Huntsville	7,61
M ble	51.521	Dothan	7,01
`eima	13.649	Florence	6,68
Anniston		New Decatu	6,11
Beisemer	10.864	Talladega	5:85
Gadsden	10,557		

ALASKA.

(Organized as a Territory 27 July, 1868.) AREA, 500.884 square miles. CAPITAL, Juneau. CENSES POPULATION, 1880-1910.

Y-ar.	White.	Negro.	Total	Per sq.	
1880 1890 1900 1910	63,424 35-347	168	33,426 30,052 63,592 64,356	0.11 0.11 0.02 0.02	

In 1010 the whites numbered 26,247, the

Strait, 56 miles at the narrowest part, that distance dividing Cape Prince of Wales, on the American shore, from East Cape (or Cape

ing to the U.S., and the western island (Nunarisons) to Russia. The islands are inhabited by Eskinno, about roo in number. St. Laveracce Research 1990, and the Property of the Market Property of the Market Property of the Market Property of the Wilson and Kurkok-win rivers. The Problef Islands (St. Paul, Walriss, Otter, and St. George) are about ano mittee S. W. of Nurrivak. The Acceptance Science and Market Property of the Problem (St. Paul, Walriss, Otter, and St. George) are about ano mittee S. W. of Nurrivak. The Acceptance Science and Market Property of the Property of Market Science and Market Property of the extend for nearly 1,200 miles westwards of in number. The Aleutian Islands are of

the St. Elias range, with many peaks above 14,000 feet (Mt. St. Eins 15,024, Mt. Wrangell, an active volcano, 17,500, Mt. Crillon 15,900, Mt. Vancouver 15,666, Mt. Fairweather 15,200 feet); the Alaskan range, which includes many active volcanoes, and Mt. McKinley, 20, 30 feet, the highest point in the Territory. The Rocky

The Territory of Alaska was purchased from Russia in 1857 (Treaty of 30 March) for the sum of \$7,200,000 (being \$0.075, or 1% cents, an acre for the Territory), and the transfer was formally made at Sitka on 18 Oct., 1867. The chief executive officer is the Governor, appointed by the years and renewable as to one half blennfally). The House of Representatives consists of a members, 4 from each of the four fudicial districts, elected for two years. The session is limited to 66 days, and the sessional indemnity of members is \$x_5 per diem. The Territory acuts one Delegate to Congress.

licences, and amounts to about \$1,000,000. It pended \$4x,560,168 in administering the Terri-tory, including the purchase price of \$7,200,000. Mr. James Wickersham, Delegate from Alaska in Congress, estimates that precious metals, furs, and fishery products to the value of \$522.685,328 have been taken out of Alaska down to the close of 1913.

Forestry.—The forest area is close on 27,000,000 acres, and includes many varieties of cedar, first perme and hemiock. At present there is little development of the timber resources of the

Fisheries.—Cod, herring, salmon, and seal hing are important industries, the annual teh of salmon being valued at \$15,000,000, and

Historia — The total value of the mineral products of Makasin rays was \$8,965,853. It is any the copper produced was \$1,650,050 in its any the copper produced was \$1,650,050 in the ray of the ray of the ray of the ray of the \$1,500,000 in co., valued at \$2,500,000 (rays, 52,500 rays of the ray, valued at \$2,500,000 (rays, 52,500 in co. valued at \$2,500,000 (rays,

Manufactures. — In 1909 there were 152 in-dustrial establishments having a capital of \$13,060,220, and value of products \$11,120,000,

There were 460 miles of railroad open for traffic in 1913, operated by nine railroads. In 1914 Congress decided to expend \$35,000,000 in 3,000 miles of roads and fails constructed by

JUNEAU, the capital, is situated on the Gastineau Channel in the south-east, and was incorporated in zoo, becoming the capital in October, 2006. The population of the r6 incorporated piaces (and of the 5 Korts) was (220):—

UNEAU	1,644	Seward	534
airbanks	3.54I	Haines	445
Nome	2,600	Eagle	178
louglas	1,722	Chena ,,	138
Ketchikan	1,613	Iditarod	-
readwell	1,223	1	
ordova	1.152	Fort Seward	255
kagway	872	Fort Dayos	180
Valdez	810	Fort Liscum	162
	743	Fort Yukon	331
etersburg	585	Fort Egbert	zg8

ARIZONA.

(Admitted to the Union, z4 Feb.; rozz.) CENSUS POPULATION, 1870-1910.

	Year.	White.	Negro.	Total.	Per sq. mile.
The same of the sa	1870	9,632	26	9,658	0'1
	1880	40,285	155	40,440	0'4
	1890	55,734	1,357	88,243	0'8
	1900	92,903	1,848	122,931	1'1
	1910	171,499	2,067	204,354	1'8

In roro the males numbered 118,574 and the females 85,780. In 1900, reservation Indians

Arizona ("Sunset Land") is a Mountain State, bounded on the N. by Utah, on the S. by the Republic of Mexico, on the E. by New Mexico, and on the W. by California and Newada. The total area is 13,580 quare miles (13,580 land and 116 water), the greatest breach from E. to W. is 328 miles, and

the greatest length from N. to S. 390 miles. The State lies between 31° 20'-37° N. latitude and 109° 2'-114° 25' W. longitude.

Relief.—There are three distinct regions in rizona. In the N.E. the Great Colorado Plateau covers nearly 46,000 square miles, with peaks from 9,000 to 12,800 feet above sea-level, peaks from 9,000 to 12,000 feet above sea-sever, the loftiest being the San Francisco peak in Occonino County (12,704 feet). In the S.W. is a region of desert plains, with isolated mountain ranges, but with a minimum elevation of less almost due south of the capital, is the Casa Grande Ruin (a National Reservation of 480 acres), with its rooms, courts and plazas of sun-

The Marble Canyon is some 60 miles in length, rises in the south-east and flows almost due west, being joined by the Sait and Verde rivers from the north

atmosphere clear. July, August and September are intensely hot, but compensation for the high thermometer readings is obtained from the bracing air and low humidity. The average annual temperature of the N. region is about 55°F, and of the S. region 68°F.

Arizona was organized as a Territory of the first class in 1863, and was admitted to the Union as a Sovereign State on 14 Feb., 1912. The executive officers are elected for a term of

There is a Senate of 23 members, and a House

The organized militia consisted in 1915 of 55

The Common Schools had 35, 260 pupils enrolled in 1913, the school population being 56,548,

the average daily attendance 25,003, and the amount expended for schools was \$1,728,556. There is a State School of Agriculture at Tucson. 1391) had 39 professors and 240 students (02

The revenue amounted in 1914 to \$2,770,572 the expenditure in 1914 was \$3,051,356. The bonded debt of the State amounted in 1914 to \$3,009,275, with a sinking fund of \$62.105.

Agriculture and Live Stock .- The agricultural area is restricted by nature to the riparian districts, but is largely extended by irrigation works. The Salt River Valley is developed by means of water storage behind the Roosestt Dam, constructed by the U.S. Government in 1904-1913, at the junction of the Tonto and Salt rivers. The normal capacity of the Sail river. The normal capacity of the reservoir thus formed is 1,330,000 acre-feet, and there is power available for pumping water on higher levels. The Roosevelt Dam is 28 feet high, the water rising to 250 feet and forming U.S. Government, is approaching completion and the accumulation of water by this work will bring many thousands of acres into calityation. The principal crops are introduced and the principal crops are into a cality of the control nase names being \$3,995,000. Stock raising is the principal industry, the numbers in 1975 being:—horses 128,000, milch cows 44,000, other nest cattle 797,000, sheep 17,051,000, and swine 23,000. The wool clip in 1974 was 5,524,000 lb. Ostrich farming is a growing industry.

Forestry.—The forests of Arizona are included in the third district (a small area in the northwest being in the fourth district) of the Porest Service of the U.S. In 1913-14 45,650,000 board feet were cut for sale. The San Francisco

tons of any coner State in the Union. In 1933, Artisona produced 407, 923, 402 lb. of copper, 8,072 tons of lead, 104,657 02. (\$4,023,931) of gold, and 3:548,091 02. (\$5,324,647) of silver. The total production in 1913 was \$71,489,705 (\$67,697,838

Manufactures .- In 1909 there were 311 manu-



TRANSPORTATION.
In 1913 there were 2,383 miles of steam railroad within the State, and 55 miles of electric railroad. The Colorado is navigable for about 500

PHENIX. the capital of the State, situated on the Salt Eiver, was incorporated in 1881, and became the capital of Arizona in 1884. The

climate is exceptionally	time, and th	e city
much frequented as a wi	nter health re	sort.
the census of roro there	were six inco	
places in the State with	a population e	xceedi
5,000 :		
PHENIX11,134	Globe	7,0
Pauson 72 462	Douglas	6,4

ARKANSAS.

AREA, 53.335 Sq. miles. Capital, Little Rock. CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Per sq. mile.
1870 1880 1890 1900 1910	362,302 591,869 818,752 944,580 1,131,030	122,169 210,666 309,117 366,856 422,891	484,471 802,525 1,128,211 1,311,564 1,574,449	30.0 30.0 32.0 31.2 12.1 6.1

In 1910 the urban population numbered 202,681, and the rural population 1,371,768, while 810,026 were males, and 764,423 females.

Arkansas ("Bear State") is a South Central State, bounded on the N. by Missouri, on the S. by Louisiana, on the E. by Tennessee and Mississippi (the Mississippi River forming the boundary), and on the W. by Oklahoma and

The organized militia consisted in rors of ros officers and 1.547 enlisted men.

In rors the school population was 521,030, the had 1,189 men and 892 women students in 1913-14

The State Debt amounted on 30 Sept., 1913 to



ment and production is due to the lumber and timber industry. The chief centers are Little Bock (\$6,882,000), Argents (\$4,822,000), Fort Smith (\$3,730,250), Pine Bluff (\$2,387,000), and

In 1913 there were 5,326 miles of railroad in operation, 123 miles of electric road, and over 3,000 miles of navigable waterways, the latter

LITTLE ROCK, the capital, situated on the

CALIFORNIA.

(Admitted to the Union, 1850.) AREA, 153,297 Square miles, Capital, Sacramento. CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	sq. mile.
1870	555,975	4,272	560,247	3.6
1880	858,676	6,018	864,694	5.5
1890	1,111,833	11,322	1,213,398	7.8
1900	1,402,727	11,045	1,485,053	9.5
1910	2,259,822	21,645	2,377,549	15.2

In 1910 the urban population was 1,469 739.

Relief.—The Coast Range, along the Pacific Coast, and the Sierra Nevada, in the center and cast of the State, enclose the Sacramento-San Joaquín Valley, 400 miles from N. to S., and 500 miles at its widest limits. South-east and north-east of the Sierra Nevada the country is

Whitney (z4,50s feet), the greatest altitude is, the U.S., exclusive of Alaska. California she contains the lowest point of Janut in the state of the Contains the lowest point of Janut in the Sevent on the western slope of the Sierra Nevada is the world-famous Pozenite Followy, 4,000 feet above mean sea level, 7 milles in length, from See yards to r mille in width, enclosed with walls of ross. to r edite in which, enclosed with walls of rock, of which the highest is close on 6,000 feet, and containing the great Yosemite Fall (a,600 feet), the Bridal Vell Fall (900 feet), the Nevada Fall (600 feet), the Illilouette Fall (600 feet), and the Vernal Fall (400 feet). The valley is unsurpassed (2.536 acres), containing mammoth sequoias, or

of the eastern boundary, but is mainly in other States. The San Joqquin has a total longth of 360 miles from the Sierra Nevada to San Francisco Bay. The Sacranento (400 miles) flows southwards to the Bay from the Sierra Madre. There are many lakes, the most famous being Taboe in the Sierra, and Clear Lake in the

The executive officers are elected for four

The organized militia in 1915 consisted of 349 officers and 3,440 enlisted men.

In 1913 the school population was 518,565, there were 446,916 pupils enrolled in the com-mon schools, the average daily attendance was 340,736 and the expenditure for common schools the world tamous Lief Observatory, and a Greek theater accommodating rance speciation, we then the accommodating the proposed servators are supported to the control of the

O R E GO O I D'A H O Marysville San Jose San Luis Obispo Santa Barbara MEXILCO Episcopal) founded at Los Angeles in 1880, had

The State revenue in 1914 was \$35,895,013, and the expenditure \$29,737,817. The State deht was \$12,750,000

Agriculture and Live Stock .- In 1910 the farm acreage was 27,931,444 (of which 11,389,894 was improved land). The total value of farm property was \$1,614,694,584 (land \$1,317,195,448, cate 7,700,000 bushels, wheat 0.300,000 hushels, cot 1.879,000 bushels, potatuces 10.350,000 bushels, hay 5,255,000 tons, cotton 9,000 bales of 500 ih., sugar heet 1,082,000 short tons. In 1900 the value of the fruit grown was \$16,752,000 Lice Stock (r Jan., 1915) included 503,000 houses, 74,000 mules, 541,000 milch cows, x,480,000 other

covering. Two varieties of reawood (Seglioia sempereirens and Seguoia gigantea) are peculiar to taltiornia, and pitch trees and cyrresses allound. Single trees of Seguoia gigantea grow to 350 feet in height, and yield roo, oo feet of lumber. In 1913-14, 49,191,000 hoard feet were cut under sale from the national forests in the

produce in 1913 was \$100,791,369, of which petroleum (97,785,525 barrels) accounted for \$45,709,400, gold \$50,400 698 and asphalt \$1,750,004. The output of copper was \$45,790,400, gold \$20,400 955 and aspnant \$1,790,004. The output of copper was \$4,575,007 lb., valued at \$5,359,126, and other minerals produced included lead, zinc, quick-silver, pyrites, magnesite, platinum, borax, sait,

Manufactures.—In 1909 there were 7,659 establishments employing 141,550 persons, with invested capital \$537,140,000 and value of products \$530,000,000. The principal manufacturing centers were Sau Francisco

In 1913 there were 8,429 miles of steam railroad in operation, and 2,94 miles of electric railroad in operation, and 2,94 miles of electric railroad. San Francisco, the clinic commercial port of the State and of the Facilic Coast, is the western terminate of four trans-continental lines, and the principal port for Asim continents and transcript of the continent
SACRAMENTO, the capital, on the eastern

At the census of 1910 there were 30 month	oracco
places with population exceeding 5,000:-	
SACRAMENTO 44,696 Eureka	11,845
San Francisco4r6.orz Santa Barbara	11:059
Los Angeles310.108 Vallejo	11,340
Oakland150.174 Santa Cruz	11,140
Berkeley 40,434 Redlands	10,449
San Diege 39,578 Pomona	10,207
Pasadena 30,291 Santa Ana	8,429
San José 28,946 Santa Monica	7,84
Fresho 24,892 Santa Rosa	7,817
Alameda #3,383 Richmond	6,80
Stockton 23,253 San Rafael	5.934
Long Beach 17,809 Petaluma	5,88
Riverside 15,212 Napa	5.79
San Bernardino . xz,779 Marysville	5:43
Bakersfield 12,727 San Luis Obispo.	5,15

COLORADO.

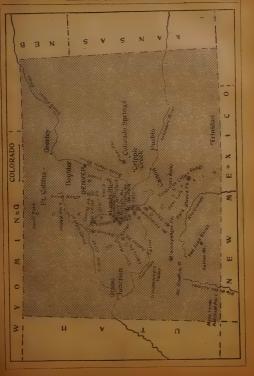
(Admitted to the Union 1876.)

AREA, 103.948 square miles.

188c 191,892 2,435 194,327 1 1890 404,534 6.215 413,249 4	Year.	White.	Negro.	10tas.	
	188c 1890 1900	191,892 404,534 529,046	2,435 6.215 8,570	194,327 413,249 539,700	0'4 1'9 4'0 5'2 7'7

In 1910 the urban population was 404,840 and the rural population 304,184; the males numbered 430,697 and the females 368,227. The principal religious denominations are Roman Catholics, Methodists, Presbyterians, Baptists,

on the E. by Nebraska and Kamsas, and on the W. by Ytah. It lies between 42°-32° N. latitude and rea*-100° W. longitude, and has a total area of rep.48 square miles (ros,658 land and 200 water). Its greatest breadth from E. to W. is 300 miles, and its greatest length from N. to S.



and Castle Peak (4,250) in the Elk Range. There are close on 350 peaks above 12,000 feet in altitude. The central portion of the State is occupied by elevated plateaus extending from north to south, and known as North, Estes, Middle, South, and San Luis Parks. These mountain parks are vast stretches of Jertile meation and game-frequencie forest, and cover a combined area of close on 13,000 square miles. In Montezuma County in the S.W. is Mesa Verde

In rors the school population was 206,687 In 1913 the school population, via 366,627, and the enroleout 197,468, the average daily attendance being 120,326, and the expenditure \$5,659,156. There were, in 1927-44, 55,552 1969, the same of th

The revenue in 1914 was \$3,580,445, and the expenditure \$3,837,423. Colorado's funded debt

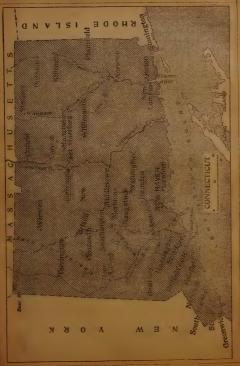
Agriculture and Live Stock .- In 1910 there were 46.170 farms, with a total area of 13,532,113 \$12,792,601, and live stock at \$70,201,344, at total of \$491,471.806 for all farm property in 1910 (against \$161,045,101 in 1900). The Federal irrigation project in the Uncompangre Valley, consisting of a canal nearly 80 miles in length, State efforts. In 1914 the principal crops were corn 10,626,000 hushels, harley 3,966,000 bushels, Tye 368,000 bushels. The potato crop was 8,750,000 bushels, and hay 2,328,000 tons, flax seed 16,000 bushels, sugar-beet 1,706,300 tons In 1915 there were 349,000 horses, 205,000 milch cows, 906,000 other neat cattle, 18,000 mules, 1,751,000 sheep, and 256,000 swine.

Minerals.—The total value of the mineral

output in 1913 was \$54,294,281 (1912, \$58,167,399),

DENVER, the capital, on the South Platte River, at the western edge of the Great Plains, and 15 miles east of the Rocky Mountains, was

ENVER	213.381	Greeley	8,179
uebloolden		Grand Junction	
oloradoSprings		Cripple Creek	
	10,204	Canon	5,200
ort Collins	8.210		5,100



CONNECTICUT. (One of the 13 Original States)

AREA, 4.965 square miles. Capital, Hartford.

CENSUS POPULATION, 1870-1010.

Year.	White.	Negro.	Total.	eq. mile.
1870 1880 1890 1900 1910	527,786 611,153 733,438 892,424 1,098,932	9,668 11,547 12,302 15,226 15,174	537;454 622,700 745,258 908,420 1,114,756	110'9 128'5 154'8 188'5

In 1910 the urban population was 999,839, and

Comnection ("Nutmon State") is a New England State, bounded on the N. by Massachusets, on the S. by Long Island Sound, on the E. by Hode Island, and the S. by Long Island Sound, on the E. by Massachusets, and the S. by Massachusets, and the S. by Massachusets, and the S. by Massachuset in S. by Massach

2.355 feet above mean sca level.

changes are less sudden than in other New England States. The winter average is x_f^* F. and the summer average x_f^* , the annual mean temperature for the State being 49° F.

The government reats upon the Constitution adopted in 1818, with subsequent, amendments, and consists of a Governor and other executive concerns a natically appropriate of the control of

The organized militis consisted, in 1915, of

The school population in 1913 was 271, 103, the total enrolment being 206,974, and the average daily attendance 161,962. The expenditure was daily attendance for, 5s. The expenditure was \$5,838,032. There were 17,754 secondary pupils in the 64 public high schools and 648 pupils in the State normal schools at New Britain, Willi-mantic, New Haven, and Danbury. There is a State Agricultural College at Storrs. Yale s State Agricultural College at storrs. Yale University was founded in your at New Haven, and in 27th was named after Ellinu Yale, a munificant benefactor of the institution. In 2732-14 three were 457 professors and 3,458 educients at Yale. Trainty College, founded at Hardford in 1832, had 26 professors and 256 tabletts, and the Wesleyan University, founded as Michigletown in 1834, had 27 professors and teachers and 425 students, and the years of the State
amounted to Srr, o64, 100.

Agriculture and Live Stock .- In 1910 there Agriculture and Line Slock—in 1920 there were 26,815 farms, with a total area of 2,185,788 acres, of which 983,25 were improved. The land was valued at \$72,206,028, buildings at \$66,113,153, implements and machinery at \$6,515,688, and live stock at \$14,153,902, a total for all farm property of \$159,399,771. The principal crops in 1914 were 2,806,000 bushels of corn cipal crops in 1914 were 2,806,000 bushels of corn, 379,000 bushels of oats, and 173,000 bushels of rye, with 3,360,000 bushels of potatoes, 460,000 tons of hay, and 35,754,000 blo of tobacco. On 1 Jan., 1915, there were on farms 47,000 horses, 130,000 miled cows, 71,000 other neat eattle, 19,000 sheep, and 58,000 swine.

mines and quarries was \$3,795,497 in 1913 (\$3,715,480 in 1912), principally stone, felspar, and elay products. Mineral waters are obtained from many springs in Connecticut.

Manufactures.—In 1909 there were 4,251 industrial establishments, employing 210,792 wage-earners, with products valued at \$490,272,000. earner, with products valued at \$500-272.000. The principal manufacturing centres are Britished port (\$560.000.000), manufacturing centres are Britished port (\$560.000.000), Martford (\$540.000.000). Martford (\$540.000.000). Martford (\$540.000.000). Merified (\$545.000.000). Morified (\$545.000.000

In 1913 there were 1,001 miles of railbond in operation, and 1,464 miles of electric road. The ports of entry in Long lishud Sound are — New Haven on the Quinniples, Bridge-part on the Pequamock, Stonington and New London on the Thismes, which is mayigable to New London the Connecticut is navigable to Hartford from

a population exceeding 5,000 :-					
HARTFORD98,915	Enfield9,719				
New Haven 133,605	Stonington9,154				
Bridgeport402,054	Vernon9,087				
Waterbury73,141	Derby8,991				
New Britain43 916	South Norwalk8,968				
Meriden32,066	East Hartford8,138				
Stamford28,836	Winsted7,754				
Norwich28,210	Putnam				
Norwalk24,211	Plainfield6,719				
Danbury23,502	Killingly6,564				
Middletown30,749	Huntington6,545				
New London 19,659	Southington6,516				
Torrington 16,840	Groton				
Greenwich 16,463	Fairfield6,134				
Ansonia15,152	Branford6,047				
Manchester 13,641	Hanidan5,850				
Bristol 13,502	Stratford5,712				
Naugatuck12,722	Stafford5,233				
Orange	Plymouth5,021				
Willimantic TT. 320	New Milford 5.010				

New Britain43,916	South Norwalk8,968
Meriden32,066	East Hartford8,138
Stamford28,836	Winsted7,754
Norwich28,210	Putnam7,280
Norwalk24,211	Plainfield6,719
Danbury23,502	Killingly6,564
Middletown30,749	Huntington6,545
New London19,659	Southington6,516
Torrington 16,840	Groton
Greenwich 16,463	Fairfield6,134
Ansonia15,152	Branford6,047
Manchester 33,641	Hamdan5,850
Bristol3502	Stratford5,712
Naugatuck12,722	Stafford5,233
Orange	Plymouth5,021
Willimantic11,230	New Milford5,010

DELAWARE.

Year.	White.	Negro.	Total.	Per sq. mile.
1870 1380 1390 1930 1930	102,221 120,165 140,066 153,977	22,794 26 442 31,181 28,386 20,697	125,015 146,608 168,493 184,735 202,322	63 8 74 8 - 85 8 94 0 103 0

In zoio the urban population was 97,085 and the rural population ros,237, the males number-ing ros,435 and the foundes 98.89. The principal religious denominations are Methodists, Roman

Delaware ("Elne Hen State") is a South Atlantic State, bounded on the N. by Pennsylvania, on the S. and Wu Judical Parkette, and the S. and Wu Judical Control
Coar of the polinama perween the Atlante and Chesapeake Bay, and is generally low-lying, with an average elevation of 50 feet above sea level, the greatest altitude being under 450 feet in the north-western part of the State.

the mean annual temperature being 56° F., but the extremes are 103° F. in the summer and

The government rests upon the Constitution adopted in 1907 (replacing those of 1776, 1792, and 1831), under which the Governor and the and members receive \$5 per diem.

In rgr3 the common school population was In 1913 the common school population was 51447, there were 35,50p upuls enrolled, with an average attendance of 22,50c, and the school expenditure was 50c,00c. The appublic schools had 2,113 secondary students in 1913-14, and there are two normal schools and a school of agriculture. Delaware College, founded at Nameric in 32c, by 1 and 25c. Newark in 1833, had 29 professors and instructors and 159 students in 1913-14.

The revenue for 1914 (including a balance of \$45,797) was \$685,273, and the expenditure \$7:6,652, leaving a balance in the treasury of \$14.415. The debt of the State on r Jan., 1915,

was \$826,785, less \$63,663 in a sinking fund.

Agriculture and Live Stock.—In spot there were no.85 farms, with a total area of 1.08,866 access, of the stock of the stoc

1913 was \$541,542, of which more than one-quarter represented the value of clay products,

Manufactures .- In 1909 there were 726 indus Handracettet. In 1905 there were 750 industrial establishments, employing 23,684 persons, and having an output of \$52,840,000, with invested capital \$57,000,000. The leather industries (\$12,100,000), foundry and maching shops (\$4,800,000), car construction and repairs shops (\$4,800,000), car construction and repairs (\$3,300,000), paper and wood pulp (\$2,300,000), canning and preserving (\$2,150,000), and ship-building (\$2,000,000) are the most important. The principal commercial center is Wilmington

States and Territories-Delaware. PENNSYLVANIA JERSEY. DELAWARE

In 1913 there were 335 miles of railroad in operation and 97 miles of electric road. Wilmington is a harbor and customs district and ra miles long and 66 feet wide, with a minimum

The largest city is Wilmington, which had a population of 87,411 in 1910, Dover having 3,720, and New Castle 3,351 inhabitants.

DISTRICT OF COLUMBIA. (Federal District, established 16 July, 1790, &

3 March, 1791.) AREA, 60'245 square miles. POPULATION (1912),

CENSUS POPULATION, 1870-1910

Year.	White,	Negrd.	Total.	Per sq. mile.
1870	88,278	43 404	131,700	2,270 7
1880	118,006	59,596	177,624	3,062 5
1890	154,695	75-572	230,392	3,972 3
1990	191,532	86,702	278,718	4,645 3
1910	236,128	94,446	331,069	5,527 8

after a total course of close on 500 miles.

35° F., and the mean summer temperature 75° F.

The District Militia consisted in 1915 of 129 officers and r.o47 enlisted men.

In rors the school population (6-17 years) was 69,267, the enrolment being 58,153 and the average daily attendance 46,468. The school expenditure was \$3,033,599.

\$828 in a sinking fund.

Agriculture and Live Stock.—In 1910 there were 217 farms, with a total area of 6,063 acres, of which 5,133 were improved. The land was of \$8,476,533 (a decrease since 1900 of \$3,058,843)

Manufactures .- In 1909 there were 518 estab

magnincent oundings, and its streets may close on xpo miles of electric railroad. In 1921 Congress appropriated \$z_0.0000 for a Lincoln Memorial, which will consist of a hall of white marble, with 36 Doric columns (the number of the States in Lincoln's time), in the center of a



freular terrace in Potomac Park. Great im-rovements were effected in 1914, particularly hose connected with the drainage of the Ana-

FLORIDA.

(Admitted to the Union 3 March, 1845.) CENSUS POPULATION 1870-1910.

Year.	White,	Negro.	Total.	Per sq. mile.
1870	96,057	91,689	187,748	3'4
1880	142,605	126,690	269,493	4'9
1890	224,949	166,180	391,422	7'1
1900	297,333	230,730	528,542	9'6
1910	443,634	308,669	752,619	13'7

In rose the urban population was sugose and the rural population 533,539; the males num-pered 304,765 and the females 358,453. The principal religious denominations are the Saptists and Methodists.

Fioria 200 To Rivar And Sarkars, southern took State ("Peninsina Blate (), the southern book State ("Peninsina Blate (), the southern book State ("Peninsina Blate (), the southern book (), t width ree miles) and the greatest length from north to south 450 miles. The peninsula is pro-tonged to the south-west by a chain of islands, known as Florida Keys, the city of Key West.

of the chain, which is less than 100 miles from the island of Cuba. PHYSICAL FRATURES.

Relief.—Although the highest point in the State does not exceed 300 feet above sea level,

introgence before it over see that the contrast divide and flows north-west to the Guif of Mexico. In the north-west the Escambia and the Checkwork of the West to the Guif of Mexico. In the north-west the Escambia and the Checkwork of the Agalachitost rises in Georgia and, being foined by the Chattanoches, flows to a bay of the same names in the river, and flows into the Guif near Ceelar Keys. The principal hydrographical feature of Flordia 1st the succession of lakes in the center of the Third of the Checkwork
The southern portion of the peninsula is

Climate.-There are three distinct climatic tropical, and the southern zone sub-tropical

Under the constitution of 1885 (which superseded that of 1868) the governor and most of the officials are elected for four years, but the judicial

There is a Senate of 32 members, elected for 4 years, and renewable as to one-half blennially; and a House of Representatives of 68 members. elected for a years. Members of the Legislature

receive a sessional indemnity of \$6 per diem.

The organized militia consisted, in 1915, of 95 officers and 1,320 enlisted men.

The common school population in 1913 was 236,978. There were 164,727 pupils cnrolled. The average attendance was 118,630, and the expenditure was \$4,634,546. There is a State University at Gainsville (45 professors, 337 students), and a State Female College at Taliahassee, and a Baptist University at De Land.

The receipts for the calendar year 1914 were \$3,439,784, and the expenditure was \$3,390,685. The balance in the Treasury at the end of the year was \$1,522,769. The debt was \$601,551.

Agriculture and Live Stock .-- Agriculture is Agriculture and Live Stock—Agriculture in the principal industry of the State, the larma numbering go.ard at low corness of you are access were improved. The land was valued at \$83,73,665, buildings at \$84,40,904, implements and machinery at \$4,446,904, and the stock at \$83,73,665, buildings at \$84,40,904, and the stock at \$80,73,605, buildings at \$84,40,904, and the stock at \$80,73,605, buildings at \$84,400,904, and the stock at \$80,700,904, buildings at \$84,400,904, and the stock at \$80,700,904, buildings at \$84,400,904, buildings horses, 28,000 mules, 133,000 milch cows, 735,000 other neat cattle, 119,000 sheep and 949,000 swine. There is much valuable timber, and the

swine. There is much variatable tempore, and the immediate immedia

represented an output valued at \$21,600,000, representor an output varies at \$21,000,000, lumber and timber \$21,000,000, and turpentine and rosin \$12,000,000. The chief centers are Tampa (\$17,653,000), Jacksonville (\$6,722,000), and Key West (\$3,965,000).

In 1913 there were 4,908 miles of steam and being 1,673,506 net tons, and the clearances 1,328,984 tons.

on a hill, about 300 feet above sea level, in the western county of Leon. The city was chosen as the capital of the Territory in 1824, and after admission to the Union the choice was confirmed

At the census of 1910 there were 10 incorporated places with populations exceeding 5,000 :-TALLAHASSEE ...5,018 Tampa37,732 Pensacola22 982 Key West 19,945

GEORGIA.

(One of the 13 Original States.) AREA, 59,265 square miles. CAPITAL, Atlanta.

CENSUS POPULATION, 1870-1910.				
Yest.	White	Negro.	Total.	Per sq.mile
1870 1880 1890 1900 1910	638,926 816,906 978,357 1,181,094 1,431,802	545,142 725,133 858,815 .1,034,813 1,176,987	1,184,109 1,542,180 1,837,353 2,216,331 2,609,121	20°2 26°3 31°3 37°7 44°4

In 1970 the urban population was 538,650, and the rural population 2,070,471; the males numbered 1,305,079, and the females 1,304,102. The principal religious denominations are the Eaptists and Methodists, of whom the former

Administration, and the W. by Alshams. The total area is p. 92 feet square miles (8, 93, 1 and and 500 water); the greakest breadth from east to west lasga miles, and the greatest length from north to south is 312 miles. The State lies between 30° 21′ 40″ -32° N. latitude and between 8°2°-85′ 33° W. longitude.

which are the southern spurs of the Appalachian Mountains, which contain the highest point in the State at Brasstown Bald, 4,768 feet above

mean sea level. West of the Appalachians is part of the Great Valley Region, while the northwestern corner forms part of the Cumberland Plateau. In Catoosa County is Chickenanga National Park (15 square miles) which preserves the site of the fierce battle of 15-21 Sept., 1863, in which more than one fourth those engaged were killed or wounded. South mean sea level.

Climate.—The variety of elevation affords: large range of temperature, the lowest measuring 5°, in the mountainous region of the north-west, and the highest nearly 7° F. on the Coastal Pisin. The mean summer reading for the whole State is 8°, and the average rainfal

Under the Constitution of 1877 the executive officers are elected for a term of two, and the

There is a Senate of 44 members and a House of Representatives of 184 members, elected in each case for two years, the sessional indemnit; being \$4 per diem.

The organized militia consisted in 1915 of 21 officers and 2,714 enlisted men.

The common school population in 1913 wight a common school population in 1914 with a common school population in 1914 with a common school with 1914 population in 1914 with Dahlonega (1872). The 23 Universities, College and Schools of Technology had x,850 men at 1,50x women students in 1912.

The receipts for the calendar year 1914 we



Treasury balance at the end of the year being The debt was \$6,630,702 On 21 Dec.

26,953.413 acres, or more than seven-tenths of the whole land area. -The value of the land in 1910 was \$370,353,415, of the buildings \$108,850,917, of im lements and machinery \$20,048,056, and of the live stock \$80,393,993,

\$6,525,792 in 1913. Manufactures.—In 1909 there were 4,792 establishments, employing x18.036 salaried em-\$202,863,000, of which \$85,893,000 was added by are cotton goods (\$43,037,000), inniher and timber (\$24,632,000), cotton seed-oil and cake (\$23,641,000), and fertilizers (\$16,800,000). The

Georgia in 1913-14 being 403,713, and cleared

1843, and is the largest and principal commercial city of the State. At the census of 1910 there

exceeding 5,000 -	
ATLANTA154,839	Griffin7,47
Savannah	Thomasville6,72
Augusta41,040	Elberton6,48
Macon40,665	Marietta5,94
Columbus20,554	Gainesville5,92
Athens4.913	Cordele5,88
Waycross14,485	·Dublin5,79
Romezz,099	Fitzgerald5,79
Brunswick 10,182	La Grange5,58
Albany	Newnan5,54
Americus8,063	Dalton5,32
Valdosta7,656	

HAWAII.

(Organized as a Territory, 14 June, 1900.). AREA, 6,449 square miles.

The Teritory of Hawaii (inhabited area 6 440 and islets, of which the inhabited islands lie between 18° 54'-22' 15' N. latitude and 154' 50'-160° 30' W. longitude, and are as follows:—

Mani Island (728 square miles, population, 1010, 28,623) is separated from Hawaii by the mountainous portions connected by the istimuis of Wallaku. In the north west is Puu Kukul (5,788 feet) at the head of the exceedingly poturesque valley of Iao, and in the south east Puu Nianiau (6,396 feet) and Manua Haleakul (10,032 feet). Rehocknet (66 square miles, population, 1910, 27) is a small island 5 miles to the south west of Maul, and Lenaus (129 square miles,

Molokai Island (261 square miles, population,

Constitutions, at an adward, of the control of the

The chief executive officer is the Governor, appointed by the President of the U.S. for four years, with a Secretary similarly appointed. There is a legislature of two Houses, a Senate of



of Representatives of 30 members, elected for two years. The Territory is represented in Congress by a Delegate elected biennially by the

The organized militla consisted in 1915 of

In rors the enrolment of all schools was 33.288, and the educational expenditure \$819.519. the public schools numbering 168 and the private schools 51. The College of Agriculture, at the Andrew Carnegie contributed Stoc. 200.

The Territorial receipts in 1914 were \$3.768,468 and the expenses \$4,687,545, the revenue being derived mainly from a direct property tax. The outstanding bouded debt amounted (20 June.

Agriculture.—In 1910 the total farm area was 2,600,000 acres, of which 310,000 acres were improved. The farms numbered 4,350, the value farm property being \$96,370,000 (land crops being \$28,538,275 in 1909. The sugar pro-

Manufactures .- In 1000 there were 487 establishments with invested capital \$24,123,000, and

There are 230 miles of railroad in the islands of oann and nawai, and man roads are every when being improved and extended. The principal harbors are Honolulu and Pearl in Oahn, Hilo in Hawaii, and Kahului in Maul, the tonnage entered and cleared at all ports in 1913-14 being

In 1914-15 the total trade of the Territory an just 35 the total trifle of the flerrilory amounted to \$88,88,090 (exports \$64,64,795, imports \$26,446,031), the total for 1913-74 being \$73,649,735 (exports \$41,593,825, imports \$32,750,699). So per cent, of the imports and over 99 per cent, of the exports being from and to the U.S.

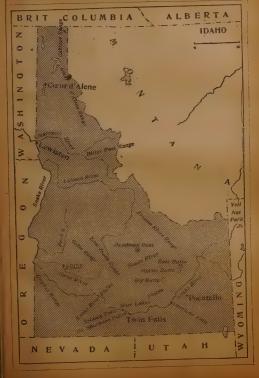
is strongry for timed. Honoutun is a modern city with magnificent parks and good buildings, clubs, etc., and is connected by steamship lines with Sau Francisco (a,ooo miles). Seattle, Vancouver, Manila (4,890 miles). Vokohama (3,500 miles), Hong Kong (5,000 miles), Auckland, N.Z. (3,810 miles), and Sydney N.S.W. (4,410 miles).

(Admitted to the Union 3 July, 1890.) AREA 82.888 square miles. CAPITAL, Boisé. CENSUS POPULATION, 1870-1010

Year.	· White.	Negro.	Total.	mile.
1870	10,618	60	14,999	3.8
1880	29,013	53	32,610	1.0
1890	82,117	201	88,548	2.1
1900	154,495	293	161,772	0.1
1910	319,221	651	325,594	0.5

In rore the urban population was 60,808, and the rural population 255,696; the males numbered 185,546 and the females 140,048. There were 3,488 Indians (principally in Fort Hall, Lembi and Cour d'Alene Reservations), 850 Chinese

Idaho is a mountain State of irregular shape bounded on the N. by the Canadian Province of British Columbia and by Montana; on the S. by Utah and Nevada; on the E. by Montana and Washington. The total area is \$3,800 square miles (\$3,34 land and 534 water); the greatest breath from east to went is 500 miles, possible greatest length from one of \$200 Miles, possible The State her block of \$200 Miles, possible,
Relief.—Idaho, the "Gem of the Mountains," includes within its boundaries the Bitter Root, Saw 100th, Bose, Chylete point in the mountain ranges. The highest point in the State is Hyndman Peak, ra.ep8 feet above mean sea level, in the Salmon River range. In the south-east are the wast Snake River Plains, from which rise Big, Middle, and East Buttee, the former having an elevation of 7,660 feet above



Climate.-The climatic conditions vary with

Under the Constitution of 1889 the governor

There is a Senate of 23 members, and a House two years, the sessional indemnity being \$5 per diem. Bigamy or plural marriage disqualifies

The organized militia consisted, in 1915, of 56 officers and o46 enlisted men.

The common school population in 1913 was 99,970, there was an enrolment of 88,860, and an 99,970, there was an enrollment of each, and an average attendance of 67,093. The principal institution for higher education is the State University of Idaho at Moscow, Latah County, founded in x892, with 73 professors and 479 students in 1913-14.

The revenue of the State in 1914 amounted to \$2,549,298, the disbursements being \$2,890,766.
The bonded debt amounted to \$2,399,750 with a

Agriculture and Live Stock.—In 1910 there were 30,807 farms with a total area of 5,283,604 acres, of which 2,798,740 were improved. The land was valued at \$210,053,216, the buildings

Mineral: -told is extensively round in Owyhee, Boisé, and Custer Counties, and Silver in Shoshoue County, and Owyhee; lead, copper and zinc are also found, the output of lead being valued at more than \$10,000,000 annually. The total value of all minerals produced in 2913 was

Manufactures.—In 1999 there were 725 estab-lialments with 858 salaried employees and 3,220 wage earners, the invested capital being \$324,477,000, and the value of the products

grist mills (\$2,479,719), while beet sugar is increasing in importance. Boisé is the principal manufacturing center, with products valued at \$1,660,407 in 1909.

The State contained, in 1913, 2,664 miles of steam railroad and 103 miles of electric railway. The Great Northern railroad crosses Shoshone.

INCORPORATED PLACES.

naver, is the capital of the state, and is nituated at an altitude of nearly 3,000 feet above mean sea level. The city was founded in 1863 and chartered in 1864. At the census of 1970 there were 5 incorporated places with a population

Pocatello 9,110 Cœur d' Alene 7,291

ILLINOIS.

(Admitted to the Union 3 Dec., 1818.) AREA, 56,665 square miles. CAPITAL, Springfield.

CENSUS POPULATION 1870-1910.

Year.	White.	Negro.	Total.	Persq.mile.
1870	2,511,096	28,762	2,539,891	45°4
1880	3,031,151	46,368	3,077,871	55°0
1890	3,768,472	57,028	3,826,352	68°3
1900	4,734,873	85,078	4,821,550	86°x
1910	5,526,962	109,049	5,638,591	x00°6

In 1910 the urban population was 3,476,929 and the rural population z,161,66z; the males

Late Michigan) is 56,665 quare miles (56,043 land and 6as water); the greatest broadth from east to west is so miles and the greatest length from north to south is 360 miles. The State lies between 37 45 % Natisude, and between 37 45 % Natisude, and between 37 45 % Natisude,

Relief.—The "Frairie State" of Illinois lies almost entirely in the region of the Frairie Plains, with a general alope to the south-west, and a maximum elevation of 1,257 feet (Charles Mound) in Jo Daviess County, close to the Wisconstin boundary.



southern, and part of the eastern boundaries, there are numerous rivers in the State, the most important being the Illinois, which rises in Wisconsin and enters the Mississippi after a southerly course of 400 miles; the Kaskaskis, flowing from the east central counties to the (23,326 square miles), of which 1,674 square miles are within the jurisdiction of the State of

Climate.-The State is subject to great exthinds.—The state is sinject to great ex-tremes of temperature, the lighest July reading at Springfield being roy. F. and the lowest 3r F., while at Chicago the highest reading is roy. F. and the lowest 30 F. The annual mean at Springfield is 52 F., and at Chicago 48 F. The annual precipitation recorded shows a rainfall of 37 inches at Springfield and of 33'3 inches at Chicago.

Under the constitution of 1870 the chief executive officers are elected for four years (except the Treasurer for two years), and the chief judicial officers for nine years, the circuit and district judges for six years, and the county occur judges for four years.

There is a Senate of 51 members, elected for

The organized militla consisted in 1915 of 522 officers and 5,550 enlisted men.

Laucation is tree and computery between the ages of 7 and 14 years, the school population in 1913 being 1,452,95; the number enrolled 1,010,215, and the average daily attendance 897,365. The expenditure in 1973 was \$38,053,971. The State University of Illinois at Urbana was founded in 1867, and had 63 professors and 5.094 students at its constituent colleges in 1927-4, the shools of medicine, pharmacy and dentistry being at Chicago. Other institutions for higher education are the University of Chicago (1892), the Northwestern University at the Chicago (1892), the Northwestern University at the Chicago (1892), the Milled Walsham Links Bloomington (1850), the James Millikin nonogical schools, 1,053 male and 452 lemaic professors and instructors, 3,256 male and 1,440 female preparatory students, 7,793 male and 6,903 female collegiate students, and 1,420 male and 841 female resident graduates.

was \$25,668.048, and the periods, 1912-1914, was expenditure \$18,528,499.

PRODUCTION AND INDUSTRY.

Agriculture and Live Stock .- In zoro there were 251,872 farms with 28,048,323 acres improved and 4,474.614 acres unimproved, a total of 22,522,237 acres, over 90 per cent of the total land area of the State. The land was valued at cattle, 935,000 sheep, and 4,358,000 swine.

Minerals.—The principal mineral products are coal and iron ore, petroleum, clay, zinc, limestone, and cement, the coal output (59,885,226 toos in 1912, and 61,518,744 short tons in 1912), being exceeded only by that of Pennsylvania and West Virginia, while the production of pigall States except Pennsylvania and Ohio. The mineral production of the State in 1913 was \$131,825,221 (\$123,068,867 in 1912).

Manufactures.—In 1909 there were 18,026 industrial establishments, with 77,023 salaried employees and 465,764 wage earners, the invested (\$35,355,000), noundry and machine aniologistic (\$158,555,000), men's citting (\$89,493,000), printing and publishing (\$87,49,000), from and steel rolling mills (\$86,68,000), agricultural miplements (\$55,268,000), distilled liquors (\$55,200,000), hour and grist mill products (\$55,110,000,000), lumber and timber from material The center are thready (\$1,251,171,000), Peoria (\$53,051,000), Olick (\$38,850,000), Rosk ford (\$22,255,700), Moline (\$20,891,700), Walkegan (\$19,964,000), East St. Louis (\$48,248,000), Quincy (\$11,435,600), Eigin (\$11,119,700), Autoria (\$10,954,000), and Chicago Heights (\$10,839,000).

In 1913-14, tounage of 602,30x cleared from Chicago for foreign ports, and tounage of 232,569 cutered from foreign ports. Communication between Lake Michigan and the Mississippl secured by canals and over the Illinois River. There were in 1913 12.03 miles of steam rulinos and 3,598 miles of electric road within the State.

SPRINGFIELD, in Sangamon County, on the Sangamon River, was chosen as the Capital of the State in 1827, and chartered as a city is 1840. The home of Abraham Lincoln in Spring field, and Lincoln's grave and monument in Oal Ridge Cemetery, are preserved by the State.



CHICAGO, the second largest city, and the largest railway center in the United States, on the south-west shore of Lake Michigan, covers was incorporated in 1837, when it had a popula-tion of 4,170, and was entirely rebuilt after destruction by fire in 1871, with wide streets and

of 1910 there were 73 in	corporated places with
populations exceeding 5,0	
SPRINGFIELD 51,678	Herrin 6,801
('hicago2,185,283	Jacksonville 15,326
Peoria 66,950	Joliet 34,670
East St. Louis 58,547	Kankakee 13,986
Difference 2-1241	Kewanee 9,397
Alton 17,528	La Grange 5,282
Aurora 29,807	Lasalle 11,537
Beardstown 6,107	Lincoln 10,892
Belleville 21,122	Litchfield 5,971
Belvidere 7,253	Macomb 5,774
Berwyn 5,841	Madison 5,046
Bloomington 25,768	Marion 7,093
Blue Island 8,043	Mattoon 11,456
Cairo 14.548	Maywood 8,033
Canton 20,453	Moline 24,199
Carbondale 5,411	Monmouth 9,128
Centralia 9,680	Mount Carmel 6,934
Champaign 12,421	Mount Vernon 8,007
Charleston 5,884	Murphyshoro 7,485
Chicago Heights 14,525	Oak Park 19,444
Cicero 14,557	Olney 5,011
Clinton 5,165	Ottawa 9,535
Collinsville 7,478	Pana 6,055
Danville 27,871	Paris 7,664
Decatur 31,140	Pekin 9,897
De Kalb 8,102	Peru 7,984
Dixon 7,216	Pontiac 6,090
Duquoin 5,454	Quincy 36,587
Edwardville 5,014	
Elgin 25,976	Rock Island 24,335
Evanston 24,978	Spring Valley 7,035
Forest Park 6.594	Staunton 5,048
Freeport 17.567	Sterling 7,467
Galesburg 22,089	Streator 14,25
Granite 9,903	Taylorville 5,44
Harrisburg 5,309	
Harvey 7,227	Waukegan 16,06

INDIANA.

(Admitted to the Union 11 Dec., 1816.) AREA, 36,354 square miles. Capital, Indianapolis.

Year.	White.	Negro.	Total	mile.
1870	1,655,837	24,560	1,680,637	46.8
1880	1,938,798	39,228	1,978,301	55.1
1890	2,146,736	45,215	2,192,404	61.1
1900	2,458,502	57,505	2,516,462	70.1
1910	2,639,961	60,320	2,700,876	74.9

In 1910 the urban population was 1,143,135 and the rural population 1,557,041; the males numbered 1,383,255, and the females 1,337,581. The principal religious denominations are the Methodists, Roman Catholics, Disciples, and

BOUNDARIES AND EXTENT.

Indiana ("Hoosier State") is a North Control
State, bounded on the N. by Michigan and Lake
Michigan, on the S, by the Oho River (which
separates it from Kentneky), on the E. by this,
and on the W. by Illinois. The total ares it
\$5.338 square miles (\$5.638 in and any on the
creatistic of 250 square miles on the interest of the
createst breadth from E. by the Son the
and the greatest length from N. 08. is a 56 miles
and the greatest length from N. 08. is a 56 miles The State lies between 37° 47'-41° 50' N. latitude 84" and 49'-88" 2' W. longitude.

Relief.—Indiana consists for the greater part of undulating prairie land, the highest point in

and salubrious, the mean annual temperature the northern portion being 49°F, and of the southern portion 52°F. The mean annual rai fall in the north is about 35 inches, and in the south 46 inches.

Indiana was formed from the North-W Incluse was formed from the North-W Territory in 890, and its closes estellment be after the defeat of the Shawnee Chief Teenma at the battle of Tippecance in 1822. In 1846 Territory was admitted to the Union as State of Indiana. Under the Constitution of the chief executive officer is the including is elected for North March 1846 and the pro-sent of the Constitution of the Constitution of the successive territory in the Indiana Coverno officer in the Constitution of the Constitut

The General Assembly consists of a Senate of members, elected for four years, and a House of 100 Representatives, elected for two years, the sessional indemnity of members being \$6

The organized militia consisted in 1915 of 152

The common school population in 1913 was 589,646, there was a total enrolment of 537,500 pupils, and an average daily attendance of 425,567, and the expenditure for schools was 519,042,885. There were 502 public high schools, with 1902 a saggedaw much and a control of the con with 49,999 secondary pupils and 2,589 teachers. Indiana University, founded in 1824, at Bloom-ington (Monroe County), had 270 professors ingson (niomroe county), had 270 protessors and instructors and 3,299 students in 1933-14, and Purdue University, founded in 1869 at Lafayette (Tippecance County), had 185 professors and instructors and 1,929 students. Other institute of the county of th and hardradderiant e.gog strikents. Other institutions of college ratik are the De Paru Unit-treesity (day) at Greeneastic Puttann County; Nortro Dame Gine, Exchain College (1847), at Sortro Dame Ginery, Wabash College (1847), at Earthan, Wayne County; Wabash College (1848), at Earthan, Wayne County; Wabash College (1848), at Earthan, Wayne County; Wabash College (1848), at Indicate County; Intiler College (1858), at Indianapolis, Marian County; Hanover College (1858), at Indianapolis, Marian County; Hanover College (1858), at Indianapolis, College (1858), at Frankful, Johnson County, in College (1858), at Frankful, Johnson County, in

In the calendar year 1914, with a balance from 1913 of \$378,271, the receipts were \$12,544,067, and the expenditure \$12,272,314, leaving a balance of \$649,964. The debt of the State

amounted on z Jan., 1915 to \$1,425,163

The principal copy in 192 April 192

mel meter (\$1,000,000), and molecul water (\$60,000,000). Grand of the or wrong of each Monifications - In 1900 there were golden to each lehments, employing and of parsons, the each lehment seems of the capital being \$50,000,000 to which \$544,700,000 was added \$70,000,000 to which \$544,700,000 was added \$70,000,000 to which \$544,700,000 to which \$60,000,000 to which \$60,000 to

road car construction and repairs (\$26,626,000). automobiles (\$23,764,000), lumber and timber (\$23,135,000), carriages and wagons (\$21,655,000). furniture and refrigerators (\$18,456,000), agriculturni implements (\$13,670,000), and glass (\$15,193,000). The chief centers are Indianapolis (\$15,522,000). South Bend (\$2,834,000), Fort Wayne (\$23,889,000), Evansville (\$22,929,000), and Terre Haute (\$21,733,000).

TRANSPORTATION.

In 1913, the railway mileage was 7,46r, with a electric road mileage of 8,210. The Wabash river is navigable for 350 miles, and the Ohio is the southern boundary of the State. The Federal Government has undertaken some important improvements at Indians

wide and shaded streets and grassy spaces, with avenues radiating from Monument Place, the center of the city. Indianapolis is a great railway center, and has an extensive live stocky trade and important manufactures. In 1910 were in the State so incorporated places

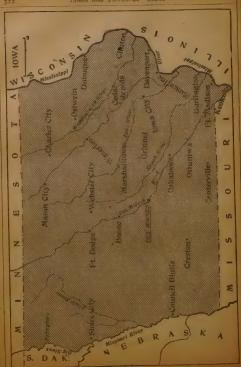
there were in the State	50 Intorportaton pinter
with a population exceed	ung 5,000 :
	Laporte
INDIANAPOLIS 233,650	Lebanon5.474
Alexandria5,096	Linton5,906
Anderson22,476	Lanton
Bedford8,716	Logansport19,050
Bloomington8,838	Madison6,934
Brazil9,340	Marion19,359
Clinton6,229	Michigan19,027
Columbus8,813	Mishawaka11,886
Connersville7,738	Mount Vernon5,563
Connectation 110	Muncle24,005
Crawfordsville9,371	New Albany20,629
Rast Chicago19,098	New Castle9,446
Elkhart19,282	Noblesville5,073
Elwood11,028	MonicaArric municipals
Evansville69,647	Peru10,910
Fort Wayne63,933	Portland5,x30
Frankfort	Princeton6,448
Gary16,802	Richmond22,324
Goshen	Seymour6,305
Greensburg5,420	Shelbyville9,500
Transport 20 025	South Bend53,684
Hammond20,925	Terre Haute 58, 157
Hartford6,187	Valparaiso6,987
Huntington 10,272	Vincennes14,895
Jeffersonville10,412	Washington7,854
Kokomo17,010	Whiting6,587
Lafayettezo,o81	1 W Utfuld

IOWA.

(Admitted to the Union 3 March, 2845.) AREA, 56,147 square miles. CAPITAL, Des Moines.

CENSUS POPULATION, 1870-1910.

b-	Year.	White.	Negro.	Total.	Per sq. mile.
nt id re o), ne	1870 1880 1890 1900	1,614,600 1,901,090 2,218,667	5,762 9,516 10,685 12,693 14,973	1,194,029 1,624,615 1,922,297 2,231,853 2,224,771	31.2 29.3 34.4 40.2 40.0



In zgro the urban population was 680,054. In 1916 the urlan population was 680,054, and the rural population 1,544,777; the males numbered 1,148,777 and the females 1,076,600. The principal religious organizations are the Roman Catholic Church, Methodists, Lutherans, Presbyterians, Disciples and Eaptists.

Iowa ("Hawkeye State") is a North Central State, bounded on the N. by Minnesota, on the S. by Missouri, on the E. by the Mississippi (which separates it from Wisconsin and Illinois), and on the W. by the Missouri and Big Sioux and on the w. of the Missofri and Big Slows. Rivers (which separate it from Nebraska and South Dakota). The total area is 56.47 square miles (55.586 land and 56 water), the greatest breadth from E to W. is 300 miles, and the greatest length from N. to S. is zoo miles. The State lies between q^{O} 35'-43' 30' N. latitude and 85' 5'-95' 3' V. longitude.

is at Primghar (x,800 feet) in the north-western

county of O'Brien. Radiation to the Missistippi, Hydrography and Silvar, which are boundary rivers, there are two water systems within the State, the Det Moines, Skuns, Iowa, and Wapsipinicon, with other leaser systems within the State, the Land Missistippi and the Silvar Adminstration of the Missistippi and the Silvar and many others flowing south-weatwards to the Missouri. The Det Moines rises in the northern State of Minissotia, and has a total northern State of Minissotia of Ministory and Ministory an

temperature is round about 48° F., and the mean

Iowa formed part of French or Spanish America from 1682 to 1803, when the district was ceded to the U.S., and was part of a larger governmental area until 1838, when the Territory of Iowa was formed, to be admitted as a State in 1846. Under the Constitution of 1857 the executive officers are elected for two years.

The General Assembly consists of a Senate of on members elected for 4 years, and renewable as to one-half blennially, and a House of Representatives of ro8 members, elected for three years, the sossional indemnity of members being \$550.

The organized militia consisted in zors of 201

EDUCATION.

The common school population in arg was \$9,848, in school population in \$1,850, and \$1,850

Johnson County, in 1855, had 224 professors and sity (1881) at Des Moines; Simpson College (1867) at Indianola, Warren County; Wesleyan ač Indianola, Warroi County; Wesleyais University; (zka) at Mount Pleasant, Henry County; Morningside College (1894) at Sloux (1895) at Paytte; 1994. College (1848) at Grimell, Poweshiek County; Cornell College (1895) at Mount Vernon, Linn County; Peen College (1895) at Oktoboxa, Mahaska County; and Coc College (1895) at Checker (1895), Linn and Coc College (1895) at Checker (1895), Linn and Coc College (1895) at Checker (1895), Linn (1895) at Checker (1895), L

The expenditure was \$rr,828,396, and the balance in the treasury on I July, 1914, \$737,860.

Agriculture.-In 1910 there were 217,044 farms Agricultures.—In 1910 there were 27,044 187118 with a total area of 3,990,588 acres, of which 29,497,199 were improved. The land was valued at \$2,801,973,729, the buildings at \$455,405,671, implements and machinery at \$95,477,948, and live stock at \$333,003,196, a total for all farm live slock at \$392,003,169, a total for all farm property of \$5,427,880,544, fo total exceeded only by that of Illinois. The soil is principally dark drift of great tertility and soil is principally dark drift of great tertility and strategies of the State, which produces corn, wheat, oats, barley, 19, buckwheat, potatoes, and other vegetables, when and flax seed in abundance, and considerable quantities of small fruit shot orchard fruit. The quantities or small truit and orenard truit. The corn crop of 1914 (38,424,000 bushels and 338,300,000 bushels in 1913) far exceeded that of any other State, and the hay crop (4,071,000 short tons in 1914 and 4,400,000 tons in 1913) was exceeded in 1914 only by that of New York, Call-

The Live Stock consisted (r Jan., 1915) of 1,500,000 horses, 1,377,000 milch cows, 2,683,000 other neat cattle, 1,249,000 sheep, and 8,720,000

Minerals.—The principal product is bitumin-ous coal, of which the production was 7,525,936 one cat; or when the production was 7,285,395 long tons in 1913 (7,285,599 short tons in 1912 valued at \$13,496,710, other minerals being clay products, gypsum, and stone, and the total value of all minerals produced in 1913 was \$25,602,015 (\$22,900,350 in 1912).

Manufactures .- In 1909 there were 5,528 estab-Manufactures—In 1995 there were 5.28 establishments employing \$3.50 persons, with cryptal \$577, are, oo, and value of products \$2.92, are, oo, and value of products \$2.92, are, oo, of which \$30.52, contribes are almosthering and meat packing (\$59.04,000), dairy products (\$54.58,000,00), foundry and machine shops (\$54.65,000), four and grist mills (\$52.97,000), lumber and timber (\$54.59,000), and (are construction and repairs (\$50.950,000). The products of the stable of the par immustrat centers are showed by (\$33,444,000). Cedar Eaplia (\$44,854,000). Pos Moines (\$43,585,000). Davemport (\$18,800,000). Dibbuque (\$15,376,000). Ottumwa (\$16,376,000). Waterlow (\$16,500,000). Burillagton (\$84,850,000). Ulinton (\$7,500,000). Keckuk (\$7,400,000), and Muscatine (\$5,500,000).

D = 0

В

0

say distance of a rallroad. Transportation tours of 4,000 and 2,000 feet, the lighest point acutified are afforded to those in the casternal being 4,15 feet, in the western county of outh-castern counties by the Mississippi, the (schulk-Moutrose Canal cutting off the Des Hallton. foines rapids. The electric mileage in 1913 was

unction of the Des Moines and Maccoon rivers, the head of navigation of the first named. The city was founded in 1843, incorporated in 1851, and chartered in 1857, when it became the capital of the State (in place of lows City, Johnson Jounty). In 1970 there were 25 incorporated

DES MOINES 86,368	
Boone 10,347	1
Burlington 24,324	1
Cedar Rapids 32,811	E
Centerville 6,936	E
Charles City 5,892	E
Clinton 25,577	
Council Bluffs 29,292	
Dreston 6,924	
Davenport 43,028	
Oubuque 38,494	
Fort Dodge 15,543	
Fort Madison 8,900	

exceeding 5,000 :-	_
Grinnell	
Iowa City	10,00
Keokuk	14,00
Marshalltown	
Mason City	. II,23
Muscatine	. 16,17
Oelwein	. 6,02
Oskaloosa	
Otturawa	. 23,0I
Sioux City	. 47,82
	. 26,69
Webster City	
	- 5,

KANSAS.

(Admitted to the Union 29 Jan., 1861.) ARRA, 82,x58 square miles.

CENSUS POPULATION, 1870-1010.

Year.	White.	Negro.	Total.	Per sq.
1870	346,377	17,108	364,399	6.2
1880	952,255	43,107	996,096	12.3
1890	1,376,629	49,710	x,428,x08	17.5
1900	2,426,329	52,003	x,470,495	18.0
1910	1,634,352	54,030	x,690,949	20.7

In zero the urban population was 493,790, and the rural population z,zg7,zg9; the males numbered 885,9zz, and the females 805,037. The principal religious denominations are the Methodista, Roman Catholica, Baptists, Disciples, and Presbyterian BOUNDARIES AND EXTENT.

RADES ("SUDDANCES AND EXTENT.

RADES ("SUDDANCES STATE I) Is A West North
Central State, bounded on the N. by Nebraska,
on the S. by Oldahoma, on the R. by Misourt,
and on the W. by Colorado. The total area is
Ear_38 sunra miles (Exyra land and 34, water),
the greatest, breathin from E. to W. Is 4pa miles,
and the greatest length from N. bol. 2 no miles,
and the greatest length from N. bol. 2 no miles,
of 30 north 1 g" W. longtimide

Hydrography.—The principal rivers are the Kansas and Arkansas. The Kansas rises near the western boundary and flows castward for some 600 miles into the Missouri (which forms the tributaries, and the State is drained by a net-

its salubrity, the winters being generally dry and fairly mild, while the summer heat is tempered by southerly breezes. The mean annual tem-

Kansas formed part of the Louisiana Purplace for half a century after that date, and its organization as a Territory (30 May, 1854) occu-pled the minds of all political parties before the War. On 29 Jan., 1861, the Territory was admitted to the Union as the State of Kansas, and under

The General Assembly consists of a Senate of 40 members elected for 4 years and a House of 128 Representatives elected blennially, the sessional indemnity of members being \$3 per diem, and the limit of regular sessions go days.

The organized militia consisted in rors of 123

The common school population in 1913 was 466,648, there was an enrolment of 39,509,840 and as average dealy absolutes of 92,579,859, and as average dealy absolutes of 92,579,879. The public high schools had 1,938 teachers and 2,953 secondary puglis, and the three public normal finate Daviersity of Kanasa, founded at Lawrence (Douglas Consign) in 4869, had 259 professors and ports an agricultural college at Manhattan (Riley Country). The Kanasa Weeleyan University of the Constant of the Con

Interevents, served from a general property tax amounted in addition to a hold-over balance of 51,289,209, to \$8,471,378, the expenditure was \$8,025,350, and the balance in the treasury 30 June, 1933, \$1,735,276.

Agriculture.—In 1910 there were 177,84r farms, with a total area of 43,384,799 acres, of which 29,904,667 were improved. The value of the land was \$1.537,976.573, of the buildings

September 2009, of implements and machinery states of the state Sass 93.357, a total value of all farm property of \$5.093.879, and total value of all farm property of \$5.093.879, and \$5.000, and \$5.

Minerate—The total value of all minerals may be seen as the seen and the seen as the seen

Monufactures. — In 1999 them were 3485 ertablishments, employing 44.6pp hermon, with catalishments, employing 44.6pp hermon, with special control of the special

TRANSPORTATION

In addition to 150 miles on the Missouri River, the State has an excellent railroad system of 9.857 miles (in 1913), and is served by seven important lines, which connect the State with Chicago, and with the Gulf and Pacific ports. The electric road milesge in 1913 was 221.

INCORPORATED PLACES

TOPENA, our the Kansas River, in Shawnee County, the capital of the State, was founded in 1865, and was chartered as a city in 1851. Kansa City, in Wyandotte County, the largest city in the State, on the left basic of the County of the State, out the County of the State, but was chartered as a city in 1859. In 1810 there were at Incorporated places with populations exceeding 5,000-1.

42 684 | Lawrence 13.374

Arkansas City	7,508	Leavenworth	
Atchisou	16,429	Manhattan	5,72
	12.687	Newton	7,85
Emporia	9,058	Ottawa	7,65
Fort Scott		Parsons	12,46
Galena	6,006	Pittsburg	14.75
Hutchinson	16.364	Rosedale	5.96
Independence		Saliua	0.68
lota	0,032		
Junction		Wichits	52.45
	2-390		
Butters City	02,231		

KENTUCKY.

(Admitted to the Union 4 Feb., 1791.)

ARBA, 40,598 square miles. CAPITAL, Frankfort.

CENSUS POPULATION, 1870-1910.

Tear.	White.	Ñegro.	Total.	Per sq. mile.
1870 1880 1890 1900	1,098,692 1,377,179 1,590,462 1,862,309 2,027,951	222,210 271,451 268,071 284,706 261,656	1,321,011 1,648,690 1,858,635 2,147,174 2,289,905	33'0 41'2 46'3 53'4 57'0

In 1910 the urban population was 555,442 and he rural population 1,734,463; there were 1,751,790 males and 1,728,796 immies. The rincipal religious denominations are the Saptists Roman Catholics, Methodists, Discipler and Presbyteriaus.

BOUNDARIES AND EXTENT.

Central State, bounded on the N. by the Ohlo (which separates if from Illinois, Indiana and Ohlo), on the S. by Tenneasee and Virginia, on the E. by West Virginia and Virginia, and on the W. by the Mississippi (which separates with Missourt). The total care's the Missourth of the Control of the Missourth of the Control of the Control of the Missourth of the Control of the Control of the History of the Control of the Control of the History of the Control of the Control of the Health of the Control of the History of the Control of the Control of the Control of the Control of the History of the Control
PHYSICAL FEATURES.

Record — the stage dependent of the property o

Hydrography.—The principal rivers are t



former rises in the State and flows westward to Licking and Tradewater, all of which flow north-

Climate.—The mean annual temperature is round about 55° F. for the whole State, and the rainfall is evenly distributed, being about 46

Kentucky was settled by eastern colonists during the last quarter of the 18th century, and formed part of the State of Virginia until admitted to the Union as a Sovereign State in Under the constitution of 1891 (which 1792. superseded those of 1792, 1799 and 1850), the executive officers are chosen for four years by all registered male citizens of zr years (with the exception of criminals, idiots, and insane

The General Assembly consists of a Senate of

38 members, elected for four years (and renewable as to one half biennially), and of a House of 100 Representatives, elected for two years, the sessional indemnity of members being \$5

The organized militia consisted in rgrs of 168 officers and 2,520 enlisted men.

The school population in 1913 was 686,632. The common school enrolment was 532,196, the average attendance was 294,559, and the school expenditure was \$6,746,302. The 202 public high expenditure was \$6,745,30s. The acs puone mgn schools had 675 teachers and 13,344 pupils, and the three public normal schools, 45 teachers and 2,85s secondary students. The State University, founded in 1865 at Lexington, Fayette County, had 106 professors and teachers, and 1,037 students in 1913-14. Other institutions are the Central University (1822) at Danville, Boyle County; Transylvania University (1798) at Lexington; Georgetown College (1829) at Georgetown, Scott County; Kentucky Wesleyan College (1860) at Winchester, Clark County; and Berea College 1855) at Berea, Madison County.

The receipts for the year ended 30 June, 1913, were \$7,666,781, with a hold-over balance of \$300,542, and the expenditures \$7,605,447, the balance in the treasury on 30 June, 1913, being \$361,903. The State debt on 30 June, 1913, was

Agriculture,-In 1910 there were 250,185 farms, with a total area of 22,189,127 acres, of which 14,254.471 were improved. The value of the land was \$4,84,464.697, of the buildings \$150,994.755, of implements and machinery \$20,851.464, and of live stock \$137,496.662, a total value for all farm property of \$73,757,880. More than half the population are cugazed in

tobacco, wheat, hemp, hay and forage, vegetables and orchard fruit of all kinds. The corn production in 1914 was 91,250,000 bushels (74,825,000 in 1913), wheat 12,540,000 (850,000 in 1913), hay

in 1913), which is \$40,000 [86,000 th 1913], hay reason hard tons (1,000,000 short tons in 1913), hay tobacco \$64,000,000 lb, valued at \$30,575,000 (261,000,000 lb, valued at \$30,575,000 lb (261,000 lb, valued at \$30,575,000 lb (261 mules, 390,000 milch cows, 543,000 there as a surface cattle, 1,229,000 sheep, and 1,582,000 shien. Forestry.—641,295 thousand feet of lumber were produced from the Kentucky forests in 1912

of the forests being \$21,381,000 in 1909, as against \$14,540,000 in 1905. Minerals.-The principal mineral products are Musters - the principal material products are bituminous coal, petroleum, natural gas, and iron ore, the total value of all minerals produced in 1913 being \$26,845,579 (coal, \$20,516,749). Mineral waters are hottled at several springs.

(\$22,365,000), lumber and timber (\$21,381,000), tobacco (\$18,598,000), foundry and machine (\$101,290,000), Covington (\$8,712,000), Newport (\$5,500,000), Paducah (\$5,000,000), Owenshoro (\$3,05,000), Frankfort (\$3,083,000), Henderson

In addition to the Ohio and Mississippi, the inland rivers are generally navigable, and improvements have been effected on the Kentucker Green, and Barren rivers by the U.S. Government. INCORPORATED PLACES.

FRANKPORT (in Frauklin County, on the Kentucky river), the capital of the State, stands
among picturesque hills in the mids of the Blue
Grass region. The citywas for the Blue
Grass region. The citywas for the Blue
City of the city was founded in 1778 and named after Louis XVI., King of France, and received its charter in 1818. Louisville is very favorably situated as a commercial center, and forms one of the chief gateways to the south-western States; among its



places with populations exceeding

Taniavilla 222 028
Louisville223,928 Mayfield5,916
Mayneid
Maysville6,141
Middlesboro7,30
Newport30,309
Owensboro16,011
Paducah22,760
Paris5,859
Richmond5-34
Winchester7,15

LOUISIANA.

(Admitted to the Union, 8 April, 1812.) AREA, 48,506 Sq. miles. Capital, Baton Rouge.

CENSUS POPULATION, 1879-1910

1870 362,065 364,210 726,915 16 1880 454,954 483,655 939,946 20 1800 456,305 559,193 1,118,588 24	
18go 558,395 559.193 1,118,586 24 1900 729,612 650,804 1,381,625 30 1910 941,086 713,874 1,656,388 36	7 6

In 1910 the urban population was 496,516 and the rural population 1,159,872; the males numbered 835,275, and the females 821,213. The principal religious denominations are the Roman

Louisiana ("Pelican State") is a West South Central State, bounded on the N. by Arkansas; on the S. by the Gulf of Mexico, which washes 1,500 miles of coast line; on the R., from 36"-32" N. lat., by the Mississippi), with esparates are from the State of Mississippi), and from 3" to the Gulf by the Pearl river (exist is also the and, and 3,007 water); its greatest breadth from E. to W. is 280 miles, and the greatest breadth from N. to S. is 250 miles. The State lies between 28° 40°-33° N. latitude and 88° 40°-94° 9′ W. longitude.

Relief .- About half of the State consists of

Condite.—the chinate or coustains is remark-ably equable, and though semi-tropical is sainbrious. The mean annual temperature at Shreveport is 65° F., and at New Orleans 68° F. The normal annual rainfall being 45°7 inches for Shreveport and 57°4 inches for New Orleans.

The common's chools had 292,522 pupils en-rolled out of a school population of 265,720 in 1923, and an average of the property of 265,720 in 1923, and an average of the 1924, and 1924, and 1924, and 245,252, and 1924, and 192



institutions for higher education are Tulane Uni-(St. Landry), and Baton Rouge, and several

The receipts for 1912 were \$8,203,465 and the expenditures \$7,365,208, the balance in the treasury on 1 Jan., 1914, being \$1,062,174. The debt of the State amounted on 1 Jan., 1914, to

Agriculture .- In 1909 there were 120,546 farms with a total area of 10,439,481 acres, of which 5,276 or6 were improved. The land was valued at \$187,803,277, buildings at \$49,741,743; implements and machinery at \$18,977,053, and livements and machinery at \$15,977,653, and two-stock at \$24,699,485, a total value for all farm property of \$20x,200,988. The production of cane used for sugar in 1914 was \$1,99,000 short tons, the rice production was 20,800,000 bushels. ning bales (436,865 in 1913), and the corn crop was 4x,800,000 bushels in 1913 (38,600,000 bushels in 1914). The Line Stock on 1 Jan., 1915, included

Minerals. - The total value of all minerals produced in 1913 was \$21,011,828, of which petro-

Manufactures. - In 1000 there were 2. 516 estab-Blahments, employing 86,563 persons, with capital Sazz, 816,000 and value of products Sazz,949,000, of which \$89,084,000 was added by manufacture. The principal industries are sugar and molasses and sugar refining (\$63,775,000), lumber and timber (\$64,838,000), cotton seed oil and cake (\$72,88,000), rice cleaning and polishing timber (968 §§§coo), orden seed off and eake (\$\overline{a}_{13}\$, \$\overline{a}_{10}\$, \$\ov

In 1913 there were 5,677 miles of railroad within the State, and 28 miles of electric road. The great seaport is New Orleans, where cocan shipping of 2,821,65 net tons entered, and of 3,702,82 net tons cleared in 1913-74; the harbor is one of the finest natural harbors in the world, and of the finest natural harbors in the world.

value of exports in ro14-15 was \$200,373,150 and E.000 :-

BATON ROUGE ... 14,897 Crowley 5,099 Houms 5.024 Shreveport 28,015 Lake Charles ... 11,499

MAINE.

(Admitted to the Union, 3 March, 1820.) AREA, 33,040 square miles. - CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Per sq. mile.
1870	624,809	x,606	625,915	21'0
1880	646,852	1,451	648,936	21'7
1890	659,263	1,190	661,086	22'1
1900	692,226	x,319	694,466	23'2
1910	739,995	x,363	742,371	24'8

In 1910 the urban population was 381,443, and 37, 52, and the females 365, 30. The principal 37, 52, and the females 365, 30. The principal religious organization is the Roman Catholic Church, the chief Protestant denominations being the Baptists, Congregationalists and

BOUNDARIES AND EXTENT.

Maint ("The Iree State") is a North Atlantic State (the largest of the New England division) at the north-eastern extremity of the U.S., and is bounded on the N. and R. by the province of New Brussvick, on the S. by the Atlantic, and on the W. by the province of Quebec and by New Hampshire. The total area is 32,000 a quare miles (a,855) land and 3,745 water), the greatest breadth from E. to W. is 205 miles, and the greatest length from N. to S. 235 miles. The State lies between 42° 47° 37′ 33′ N. latitude and 66° 56′ 48″-71° 6′ 41″ W. longitude.

Relief.—Makine is an upland State, with a water parting that divides the uplands into a northern and southern slope, the line being marked by several mountains, of which Mouse Katahdin (5,3% feet), in Piscataquis County, is the highest point in the State. The northern slope is for the most part covered with done forests of pine, and has a fairful state of the to the northern sort to the low-lying coast of the market parting and the same of the contract of the con-

are the Penobscot (270 miles) from East Seboeis Lake, the Kennebec (260 miles) from Moosehead Lake, the Androscoggiu (240 miles) from Umbagog Lake, and the Saco from New Hampshire. These

in the motor, and other feature, the most fashionable and most frequented of summer retreats. The mean annual temperature at Eastport (Washington County) is 4° E, and for the whole State 42° E. (summer 62° E, and

Previous to admission as a sovereign State (3 March, 1820), Maine formed part of Massa-chusetts. Under the constitution of 1819 (with

The organized militia consisted in 1915 of 101

The common school population in 1913 was 173.491, the number of nupils enrolled was 139.944, the average d fly attendance was

e receipts for the year 1913 were \$5,081,853.

\$457,128, and the expenditure \$4,889,678, the balance on hand in the Treasury being \$649,303 on x Jan., 1914 1914, to \$569,00p.

Agriculture.- In 1910 there were 60,016 farms with a total area of 6,296,859 acres, of which 2,360,657 acres were improved. The land was **Jacobs's acres were improved. Intel land was valued at \$36,481,395, buildings at \$73,138,331, implements and machinery at \$54,490,532, and live stock at \$35,161,399, a total for all farm property of \$199,771,995. The principal crops in 1914 were: oats, \$7,95,000 building; The buildings of buildings and the buildings of the bu estile, 15,000 milm cows, 101,000 total heat estile, 15,000 sheep, and 5,000 swine. Poultry farming is an important industry, exceeding \$3,000,000 annually for poultry and eggs. Fisheries.—In 1908 there were 6,86r persons employed in the fisheries, the 57y ressels being valued at \$1,006,543 and the value of the

waters, and slate was \$4,429,584 in 1913.

Manufactures.—In 1909 there were 3,546 establishments, employing 88,476 persons, with capital \$202,260,000, and value of products \$176,029,000, wooteh, worsted and selv goods (\$15,00,000) boots and shoes (\$15,500,000), caming and preserving (\$7,600,000), shipbuilding (\$3,000,000), and marble and stone (\$5,600,000). The chief industrial centers are Portland (\$12,000,000), Lewiston (\$10,000,000), Biddeford (\$10,000,000), Augusta (\$4,700,000) Auburn (\$9,000,000), Angusta (\$4,700,000) Bangor (\$3,345,700) and Waterville (\$3,179,000).

In 1913 there were 2,271 miles of steam rail 849, 166 tons, and cleared 804,885 tons; other ports of entry are (from west to east) Kenne-bunkroort, Bath, Wiscasset, Belfast, Bangor,

the capital of the State in 1827. PORTLAND, largest city and principal port, on a peninsula in Casco Bay, was founded in roa3 and was char-tered as a city in 1832. At the census of 1910

tions exceeding 5,000 :-	
AUGUSTA13,211	Old Town 6,31
Aubum15,064	Portland58,57
Bangor24,803	Presque Isle 5,17
Bath 9,396	Rockland 8,17
Biddeford17,079	Rumford 6,77
Breuer 5,667	Saco 6,58
Brunswick 6,621	Sanford 9,0
Calais 6,116	Skowhegan 5,3
Caribou 5:377	South Portland., 7,4
Gardiner 5.3xx	WatervilleII,45
Houlton 5,845	Westbrook 8,2
Lewiston26,247	



MARYLAND.

AREA, 12,327 square miles. CAPITAL, Annapolis. CENSUS POPULATION 1870-1910.

Year.	White.	Negro,	Total.	Per Sq. Mile.
1870 1880 1890 1900	605,497 724,693 826,493 952,424 1,062,630	175,391 210,230 215,657 235,064 232,250	780,894 934,943 x,042,390 x,188,044 x,295,346	78.6 94.0 104.9 119.5 130.3

In rose the urban population was 658,192, and

BOUNDARIES AND EXTENT.

MARYLAND ("Old Line State") is a South Atlantic State, bounded on the N. by. Pennsylvania (and at \$8^{\circ} x N. Ital. by Delaware, on the S. by Chesspeake Bay, Virginia, and the Fotomac, on the E. by Delaware and the Atlantic; and on the W. by the Potomac (which separates the State from Virginia and west Virginia). The total area in a pay summiles (not in and an a set virginia). The total area is in a pay square miles (not i land and a , 365 water); the greatest breadth from east to west is soo miles, and the greatest length from north to south is no miles. The State lies between 37° 52′ -39° 44′ N. latitude and 75° 4′ -79° 33′ W. longitude.

The mrs European settlement in Maryland was made by a body of colonists, brought from Gravesend, England, in the Ark and the Doss in 152, under a charter granted to Lord Rabimore by King Charles I. In 198 Maryland ratified the Constitution of the U.S. as one of the Thirteen Original States. Under the constitu-1851 and 1864) the executive is entrusted to a Governor, elected for four years, and other officers elected for two or four years.

gates, elected for two years, the sessional in-demnity being \$5 per diem.

The organized militia consisted in 1915 of 156 officers and 1,917 enlisted men. The Naval Militia consists of 18 Officers and 132 enlisted

In ror3 the school population was 248,014, the in 1933 the scrowl population was 346,534, the enrolment in common schools being 237,835, and the average daily attendance 155,007; the expenditures \$4,985,50. There are 5 State normal schools, with 37 teachers and 46t pupils. The principal institutions of university rank (in addition to the world-famous Johns Hoykins University 1881). Emmitsburg, St. Charles (1848) and Rock Hill (1857) Colleges at Ellicott City, Loyola College (1852) at Baltimore, and Western Maryland (1983) at Hallimore, and western Maryland College (1869) at Westminster. The Woman's College at Baltimore was founded in 1884, and Morgan College for colored people at Baltimore was opened in 1896. The U.S. Naval Academy at Annapolis, founded in 1845, had 125 professors

The balance on hand (30 Sept., 1914) was \$1,840,256, the receipts being \$12,500,566 in 1913-14, the expenditures being \$12,999,561. The net debt of the State on 30 Sept., 1914, was \$19,685,880, with a sinking fund of \$5,966,304.

Agriculture. - In 1010 there were 48,923 farms,

\$286,167,028. The principal crops in 1914 were: wheat, 13,125,000 hushels; coru, 24,531,000 bushels; cats, 1,751,000 bushels; potatoes, 3,433,000 bushels; tobacco (17,600,000 lb. in 1914, valued at \$1,408,000, and 18,500,000 lb, in 1914, valued at \$1,720,000). On r Jan., 1915, the Live Stock included 157,000 horses, 25,000 mules, 283,000 sheep, and 349,000 swine.

Minerals.-The total value of minerals produced in 1913 was \$11,292,723, including cost. (\$5,927,046), iron ore, clay products, and mineral waters. No metallic minerals are reported.

Manufactures. — In 1995 there were 4.837 establishments, employing 125,489 persons, with capital \$25,122,000 and value of products \$315,650,000, of which \$116,520,000 was added by manufacture. The principal industries are (\$4,350,000), canning and preserving (\$13,710,000), slaughtering and meat packing (\$13,700,000), lumber and timber (\$12,120,000), foundry and machinery shop products (\$12,000,000), tobacco (\$10,560,000), fertilizers (\$9,700,000), flour and grist mills (\$9,253,000), and car construction and is Baltimore (\$187,000,000), others being Cumber-land (\$4,534,000), Hagerstown (\$3,197,000), and Frederick (\$3,000,000)

710. In 1913-14 foreign shipping of 1,477,493 net tons entered and 1,652,441 net tons cleared in the customs district of Maryland. The commerce of the customs district of Maryland in 1914-15 was: exports, \$131,978,498; imports, \$24,982,898.

in Anne Arundel County, at the influx of the Severn River into Chesapeake Bay. The city was founded in 1649, and became the capital of Was common in 1646, and occame the capital of Maryland in 1694, in which year it received its present name in honor of Princess Anne of Great Britsin. Annapolis was chartered in 1708, and is thus the oldest chartered city in the U.S. celuary of the Fatapaco kiver, 14 miles from Chesspeake Bay. The city was founded in 1729, and named after the original "proprietor" of the colony of Maryland, receiving its charter as a city in 1796. The canning industry, particularly of the famous Chesspeake Bay orsters, is greater than that of any other center, At the census of rose there were 8 incorporated

ANNAPOLIS	8,600	
Baltimore	558,485	
Cambridge	6,407	

Frederick	10,4
Frostburg	6,0
Hagerstown	16,5
Salisbury	0,0

MASSACHUSETTS.

(One of the Thirteen Original States.) ARRA, 8,266 square miles. CAPITAL, Boston. CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Per sq. mile.
1870	1,443,156	13,947	1,457,351	181'3
1880	1,763,782	18,697	1,783,085	221'8
1890	2,215,373	22,144	2,238,947	278'5
1900	2,769,764	31,974	2,805,346	349'0
1910	3,742,926	38,055	3,366,416	418'8

In 1940 the urban population was 3,125,367 and the rural population 241,049; the males

Massachusetts ("Bay State") is a New England State, bounded on the N. by Vermont the Atlantic (the total coast-line being about 26 miles), and on the W. by New York. The total area is 8,266 square miles (8,23) land and 22 water), the greatest breadth from E. to W. is 190 miles, and the greatest length from N. to 8. 110 miles. The State lies between 41° 25'-42° 50' N. latitude and 69° 55'-73° 30' W. longitude.

Relief .- There are three distinct regions in being diversified in surface with many fills, and the west rugged and distinctly mountainous. The highest point in the State is Mount Greylock, 3,535 feet above mean sea level, a saddle-shaped elevation in the Taconic Mountains, which contain many summits above above 2,000 feet, and through these hills plass-the Hosen Tunnd, 5¼ miles (completed in ±5%, at a cost of \$20,000,000, the longest tunnel in the U.S. In the center of the State is Mount-Wachnest's Grand See The Tenders of the State is Wachnest's Grand See The See Tenders of the Wachnest's Grand See Tenders of the See Harpest reservoir in the world. The castern counties have few elevations, with the exception of the Bine Hills (Norfolk), which are less than \$50 feet above the sea. The Atlantic count is much indented and counties many of the sea.



broad), a favorite summer resort; and the latter of Nantucket Island (47 square miles), Tuckernuck (2 square miles), and other smaller

Hudrography .- The principal rivers are the center or interaction to the way to Connecticut and Long Island Sound, 395 miles from its source, the valley through which it flows being famous for its beautiful scenery. The Merrimae (150 miles) rises in the White Mountains of New

compensation for the trying summer heat is afforded by the exhibitanting summer and fall climate of the Berkshire Hills. Boston Harbor is open all the year round, in spite of the severe

The Sovereign Commonwealth of Massachusetts contains the oldest settlement in New England, in Plymouth, where on 11 Dec., 1620 (Old Style) the 180-ton Maylforer disembarked the Pilgrim Fathers from Southampton, England. adopted in 1780 (with 37 subsequent amend-ments)—being the only State so governed. The

The organized militia consisted in 1915 of 426 officers and 5,653 enlisted men. The Naval Militia consisted in 1914 of 45 officers and 602

In 1913 the school population numbered 792.071, the enrolment being 557.211, and the average daily attendances 465.686. The expenditures average unity attendances (26),980. The expenditures were \$23,459,396. The public high schools had 20,785 pupils, and the private achools 8,970 secondary pupils. There are 12 State normal schools with 2,857 pupils. Massachusetts has always led the way in educational progress. In 1696 the Commonwealth founded at Cambridge the world-famous Hurvard University, attended by 4,330 students, taught by 499 professors and instructors. Other institutions of high rank are Boston University (1869) with on sign rank are nosion university (1869) with 1.827 men and women students, Massachusetts Institute of Technology (1865), Amhurst (1821), Williams (1793), Tufts (1864), Clark University, (1889), and Holy Cross College (1843), at Worcester, and for women, Radcliffe (an auxiliary of Har-vard) (1879), Wellesley (1875), Smith (1875), Simmons (1902), and Mt. Holyoke (1827).

For the year ending 30 Nov., 1914, the receipts, were \$43.241,099 and the expenditures \$43,386,668. The balance on hand at the beginning of the year was \$8,220,590 and at the end \$8,075,020. The debt, direct and contingent, on 30 Nov. 1914, was \$104,025,549, with a sinking fund of

Agriculture.—In 1910 there were 36,917 farms with a total area of 2,875,941 acres, of which 1,154,501 were improved. The land was valued And gave were improved. The land was valued at Sec. 25.6.6.0. buildings at \$86,65.4.4.9. implements and machinery at \$3.1.5.5.6.9.4.4. implements and machinery at \$3.1.5.5.6.0. and live stock at \$5.0.4.5.6.6. total for all farm property of \$2.0.4.7.4.0.9. The principal crops in 1924 were corn, a space town, a space town, a space town bushels; hay, \$5.0.0.0 lows, \$5.0.0.0. building for it and \$5.0.0.0. building the space town, \$5.0.0.0. building \$4.0.0.0. building \$

heartes — The value of the products of the fisheries far exceeds that of any other State, the total in 1908 being \$7,095,249, the next largest total (Virginia) being less than \$5,000,000. In 1911 the fish landed at Boston weighed \$2,760,000 lb., valued at \$2,575,300, and at Gloucester the weight with 91,393,850 lb., valued at \$2,440,215

Minerals.-The total value of all minerals reported in 1913 was \$7.044.529, including stone (\$4.056.372), clay products (\$1,814.875), lime, and mineral waters.

line, and adverse vaters.

Manufactures.—In 1909 there were 11,624 establishments, employing 642,309 persons, with capital 3-12,957,000, and miles of the state of the sta

(\$46,44,000); humber and timber (\$42,046,000); 200,000, 7 exceeding \$9,000, and 13 exceeding think (\$48,344,000); confectionery (\$9,466,000); 200,000; 200,0 Lowell (\$50, 20,000), New Beatford (\$53, 390,000). Pireckton (\$40,000,000), Cambridge (\$44,400,000). Holyroke (\$44,000,000), Somerville (\$38,69,000), Haverhild (\$52,500,000), Pringfield (\$37,773,000). Fitchburg (\$93,360,000), Chicopee \$20,000,000). Chelsea (\$17,100,000), Petabedy (\$15,550,000). Taunton (\$75,600,000), Pittsfield (\$15,200,000), Attlebor (\$15,600,000), Pittsfield (\$15,200,000), and the control of the

In 1913, the mileage of steam railroads was 2,120, and of electric railroads 2,420 miles. The tomage of foreign shipping entered is the customs district of Massachusetts in 1923-14 was 3,363, noe het tous (2,948,444 net tous in 1923) and of those cleared 2,217,521 net tous (1,872,463). valued at \$107,475,677 (\$65,715,181 in 1913-14). harbor at Provincetown, on Cape Cod, of great value as a harbor of refuge.

1770) and the "Boston real Party (19 Dec., 1773) to the evacuation of the city by the British (17 March, 1776) and the ratification of the Constitution of the U.S. (6 Feb., 1788), since which time Boston has advanced steadily in material

15,000) :			
BOSTON6	70,585	Melrose	15.71
Abington	5.455	Methuen	21.44
Adams	13,026	Middleboro	8,21
Amesbury	9,894	Milford	13,05
Amnerst	5,112	Milton	7,92
Andover	7:301	Montague	6,86
Arlington	11,187	Natick	9,68
Athol	8,536	Needham	5,02
Attleboro	16,215	New Bedford	96,65
Belmont	5,542	Newburyport	14.94
Beverly	18,650	Newton	39,80
Blackstone	5,648	North Adams	22,01
Braintree	8,065	Northampton	19,43
Bridgewater	7,688	North Andover	5,52
Brockton	56,878	North Attlebore	
Brookline	27,792	Northbridge	8,80
Brookline Cambridge Thelmsford Chelsea Chicopu Clinton Concord	04,839	Norwood	8,01
Thelmsford	5,010	Orange	5,28
Chelsea	32,452	Palmer	8,61
Chicopu	25,401	Peabody	15.72
linton	13,075	Pittsfield	32,12
Concord	6,421	Plymouth	12,14
		Quincy	36.64
Dedham Easthampton	9,284	Reading	5.82
Easthampton	8,524	Revere	13.21
Easton	5,139	Rockland	6.92
Easton Everett Fairhaven	33,484	Salem	
Fairhaven	5,122	Saugus	8,04
Fall River	119,295	Somerville	77,23
Fitchburg	37,820	Southbridge	12,59
Framingham		Spencer	5,74
Franklin	5,641	Springfield	88,92
Gardner	14,691	Stoneham	7,09
Gloucester	24,399	Stoughton	6,31
Grafton	5,708	Swampscott	6,20
Great Barrington	5,925	Taunton	34,25
Greenfield	10,426	Wakefield	
Haverhill	44,117	Waltham	
Holyoke	57,735	Ware	
Hudson	0,740	Watertown	
*Hyde Park	15,503	Webster	
Ipswich	5,777	Wellesley	5,41
Lawrence	05,697	Westboro	
Leominster	17,582	Westfield	16,00
Lynn	100,290	West Springfiel	0 9,21
Lynn	09,334	Weymouth	
Malden	44,400	Whitman	7,24
Mansfield	5,184	Winchendon	5,6

MICHIGAN. (Admitted to the Union a6 Jan., 1837.)

AREA, 57.980 square miles, CAPITAL, Lansing.

Winthrop 10,132

CENSUS POPULATION, 1870-1910.

lt of	Year.	White.	Negro.	Total.	Per sq.
id ic ne al	1870 1880 1890 1900 1910	1,167,282 1,614,560 2,072,884 2,398,563 2,785,247	11,849 15,100 15,223 15,816 17,115	1,184,059 1,636,937 2,093,890 2,420,982 2,810,173	20'6 28'5 36'4 42'1 48'9

In 1910 the urban population was 1,327,044 and the rural population 1,483,129; the males numbered 1,454,574 and the females 1,255,570. The largest religious organization is the Roman

BOUNDARIES AND EXTENT.

Michigan ("Wolverine State") is a North Central State, consisting principally of two peninsulas, of which the southern projects peninsulas, of which the southern projects of Michigan are large areas of the Great Lakes Michigan, Superior and Huron, and of Lakes St. Clair and Erie, and several large and many Lake Superior, 12,922 of Lake Michigan, 9,925 of Lake Huron, and 460 square miles of Lakes St. Lake Huron, and 405 square muck of takes 58. Clair and Erie, making a total area of 97,969 square miles, the extreme geographical limits being 4° 44 to 48° 11′ N. latitude and 82° 25′ to 90° 31′ W. longitude. The greatest breadth from east to west is 310 miles, and the greatest length from north to south is 400 miles.

command of a vast plateau, intersected by river valleys, and descending to the shores of the-lakes, except in the north-east, where the Huron shore from Saginaw Bay to the north is precipitous. The highest point in this portion of the State is 1,150 feet above Lake Michigan Boroughr Stimulatin, s.esy feer above mean sa-mony the highest point in the State. The northern coast (south shore of Lake Superior). Contains the Opper Range of Montagora and Houghton Counties, would famous Pictured (America Algor County (Miner Zatle, Sall Bock, Grand Portal and the Chapel), andstone binds so feet show the level of the zene, brown and searched by their names, with pictureages accurate the proper superior of the proper superior and lake. Includes Link Superior, it lake you, with several inlets, close to the International boundary.

*Lake Superior, the largest body of fresh water in the world, is close on 400 miles from with a total area of 31,500 square miles (of which more than half are within the jurisdiction of the State). The lake is 600 feet above mean sea level, and at the south-east corner is connected by the rapid St. Mary's River with Lake Huron, and thus through the Strait of Mackinac with

daries of the U.S., 58r feet above mean sea lovel, 360 miles from north to south, and ros miles from east to west, with a total area of 22,326

Lake Superior, the waters of which fall into Huron in the rapid St. Mary's River, navigation being served by the St. Mary's or Soo Ship Canal,

*Lake Erie is 250 miles long and 60 miles wide,

* THE GREAT LAKES.

of Michigan, 7,500 square miles within that of Wisconsin, 1,674 square miles within that of Illinois, and 230 square miles within that of

Indians.

Lake Superior (31,500 square miles) is mainly
within the boundaries of the U.S., 16,653 square

or Michigan and the remainder Canadian. Lake Frie (so,000 square miles) is for them fifthe of its area within the boundaries of the Like Trie (so,000 square miles) and the Like Tries of the Li



360 square miles are within the jurisdiction of the State. The lake is a feet lower than Lake Huron, and 327 feet higher than *Lake Ontario, with which it is connected by the Niagara River

rises in Wisconsin, and after flowing eastwards as a boundary for the greater part of its length (x60 miles) flows into Green Bay on Lake Michigan; and in the western part of the lower pen-insula the Muskegon, Grand (280 miles), St. Joseph (260 miles from its source in Indiana). Manistie, and Kalamazoo (200 miles) which flow

the whole State is round about 45° F., (Port Huron 46°, and Sault Ste Marie 38°), the annual precipitation being evenly distributed (Port Huron 30°6 inches and Sault Ste Marie 31'4

Michigan was first settled by French fur traders, and became part of the North-West Territory of the U.S. in 1787, being organized as a separate territory in 1805, and admitted to the Urion as a Sovereign State on 26 Jan., 1837. The first constitution of 1835 has been superseded by that of 1850 (with subsequent amendments) under which the executive officers are elected by

The General Assembly consists of a Senate of a members and of a House of 100 Representatives, elected for two years, and meeting hiemially at the Capital, the indemnity of members being \$800 per annum.

The organized militia consisted, in 1915, of 188 officers and 2,773 enlisted men. The naval militia consists of 43 officers and 427 enlisted

In 1913 the children of school age numbered in 1913 the chinarm of School age numbered 722,408, the common school enrolment being 572,201, the average daily attendance 440,565, and the school expenditure \$13,782,138. The 403 public high schools had 2,306 instructors and renowned University of Michigan (354 professors and 5,520 students in 1913-14). There are eight other institutions for higher education of

The receipts for the year ended 30 June, 1915 where receipts in time year colour 30 - une. 1937.
\$16,535,165, the balance on hand (30 June, 195) heing \$5,556,456. There is no debt, and under the Constitution the State is precluded from lorrowing more than \$20,000, except to repel invasion or to suppress insurrection.

Applications—In spot here were 200,000 within with a total area of \$8,000.000 and \$1.000.000 within were improved. The third \$1.000.000 and \$1.000.000 within were improved. The third \$1.000.000 and \$1.

17,316,000 bushels; oats, 50,752,000 bushels; potatoes. bushels; rye, 5,935,000 hushels; potatoes, 44,044,000 bushels, the production of which is exceeded only by New York; hay (3,011,000) short tons, valued at \$36,132,000 in 1914), and sugar beets (857,000 short tons in x9x4); vegetables, small fruits, orchard fruits and grapes.
On r Jan., 1915, the Live Stock included 673,000 horses, \$14,000 milch cows, 707,000 other neat cattle, 2,033,000 sheep, and 1,392,000 swine

are enormous, and the production reported in 1913 was valued at \$72,143,211, including copper (\$21.057,278) from the north-west of the upper peninsula: iron ore (12,668,560 long tons in 1914. valued at \$33,479,954), a total exceeded only by that of Minnesota; coal (1.231,786 short tons, valued at \$2,445,227); salt (\$3,054,532); cement (\$4,228,879); and clay products \$2,674,125.

Manufactures.-In 1909 there were 9,159 es Manufacture. In 1909 there were 9,159 October 1 habitalments comploying 27,077 persons, with adhabitants comploying 27,077 persons, with adhabitants (\$52,907,000, and value of products \$500,100,000 of which \$31,967,900 own an added by manufacture. The principal industries are autonobies (\$56,560,000), insuffer and timber (\$66,500,000), furniture (\$26,500,000), furniture (\$26,500,000), leather (\$5,500,000), and machine shop products (\$45,600,000), leather (\$55,500,000), leather wood pulp \$14,000,000), brass and bronze (\$13,000,000), patent medicines (\$13,500,000), slaughtering and meat packing (\$13,450,000), (\$11,500,000), and beat sugar (\$10,500,000). The leading industrial centers are Detroit leading industrial centers are bettom (\$253,000,000), Grand Rapids (\$42,350,000), Flint (\$24,100,000), Bay Créek (\$20,200,000), Saginaw (\$18,850,000), Kalamazoo (\$18,000,000), Lansing (\$16,600,000), and Bay City (\$10,300,000).

TRANSPORTATION

In 1913 there were 8,998 miles of steam and 1,543 miles of electric railroads within the State. A tunnel 6,076 feet in length under the is an informational brings over the as Many's Biver, between the American and Canadian cities of Sault Ste Marie. Feelpht to the valte of \$54,800.05 fit 1934 was carried through the Sault Ste Marie cannis, of whiteth was borne in U.S. and p part in Canadian was borne in U.S. and p part in Canadian vessels. The prittaneods-Houghton Marquette, of coast-line and is not large foundate. of cond-line are Hamond-Monghiton Marquette, and Grand Marsia on Lake Superior; Mukhine Gity and Island, St. Ignaco, Freeque Isle and Fort Huron, Charlastot, Irandor, Hamilton, Lake St. Gitt, Charlastot, Frankfort, Manistre, Charlastot, And Haron, Holland, South Haven, and Benton Harbor on the existent store, and Manistique and Menole Harbor on the existent store, and Manistique and Menole Harbor on the existent store, and Manistique and Menole Harbor on the existent store of Lake Michigan.

INCORPORATED PLACES.

of the Urand and Order Elvers (which provide a abundance of water power) was founded in any as the capital of the State, and was chartcred as a city in 1889 (and re-chartered in 1869). The largest city in the State, and the facturing center, is DEFRON St. facturing center, is DEFRON St. Clair and Evie, founded by the French in 1991, and the capital founded by the French in 1991, and the capital

of Michigan from são: to 1847. Detroit is a fine city, with wide streets planted with trees, and is connected with Belle Isle, which thus provides the citizens with a magnificent park of 700 acres. Grand RAPIDS (Kent County) is the principal center of the furniture trade of the U.S., and has vast water power in the falls of the Grand River. At the census of 1950 there were 48 incorporated

bigges aren bol		exceeding 5,000		
LANSING	31,220	Ironwood	12,821	ĸ
Adrian	10,763	Ishpeming,	12,448	E
Albion	5,833	Jackson	31,433	K
Alpena	12,706	Kalamazoo	39:437	
Aun Arbor	14,817	Laurium	8,537	
Battle Creek	25,267	Ludington	9,132	E
Bay City	45,166	Manistie	12,381	
Benton Harbor	9,185	Marquette	11,503	
Boyne City	5,218	Menominee	10,507	
Cadillac	8,375	Monros	6,893	
Cheboygan	6,859	Mount Clemens	7,707	
Coldwater	5,945	Muskegon	24,062	
Detroit	465,766	Negaunee	8,450	
Dowagiac	5,088	Niles	5,156	
Escanaba	13,194	Owosso	9,639	
Flint	38,550	Pontiac	14,532	
Grand Haven	5,856	Port Huron	18,863	
Grand Rapids	112,571	Saginaw	50,510	
Hancock	8,981	St. Joseph	5,936	
Hillsdale	5,001	Sault Ste Marie	12,615	
Holland	10,490	Three Rivers	5,072	
Houghton	5,113	Traverse City	22,115	
Ionia	5,030	Wyandotte	8,287	
Iron Mountain	9,219	Ypsilanti	6,230	

MINNESOTA.

(Admitted to the Union sr May, 1858.)

AREA, 84,682 gquare miles. CAPITAL, St. Par

· OHROD FOLUMETTON, TOTO 1910.						
Year,	White.	Negro.	-Total.	Per sq.		
1870 1880 1890 1990 1910	438,257 776,884 1,296,408 1,737,036 2,059,227	759 1,564 3,683 4,959 7,984	439,706 580,773 1,310,283 1,751,394 2,075,708	5'4 9'7 16'2 21'7 25'7		

In zgro the urban population was \$50,204 and the rural population 1,225,474; the males numbered 1,128,312, and the females 967,107. The principal religious denominations are the Roman Catholics and the Lutherans. In 1912 the Indians numbered 11,116

BOUNDARIES AND EXTENT.

Minnesota ("Gopher State") is 4 Nord-Contral State, bounded on the Norther State ("In the Contral State, bounded on the Norther State ("Gother State of the Woods between the two provinces; on the S. D. Woods between the two provinces; on the S. D. Woods between the two provinces; on the S. D. Rivers (which separate the State from Wisconsin and by Zaka Superior's and on the W. by Scat and D. Zaka State ("Gother State State from North Dakota). The research breadth from E. Do W. is zeo miles, and the state from North Dakota). The State like between ay gr-sg-sg sg Norther State ("Golden State Stat

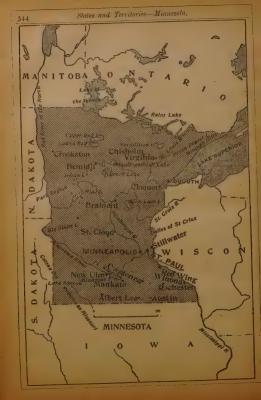
PHYSICAL PRATURES.

isting without great elevations, the exception being the Misquah Hillis in Cook County, in the extreme north-east, where there is an altitud of a goo feet the highest point in the State), and in the extreme south-west, where the redshift of Jackson Counties, and has a maximum elevation of 1,800 feet. The southern portion of the Stat is within the Paritire region of the U.S., as consists of rolling prairies, along which runs the northern portion is within the Great Lake region, and has extensive forests of pine, betwee Lake Superior and the Bell Biver of the North

of lazar Lake (Clearwater Country) and flows the country of the co

in addition to the magnificent river system Minmesota has within its borders close on recollakes, of which the largest are Upper and Lower Indian, Lock in the Largest are Upper and Lower Indian, Lock in the great part of the Largest Largest Indian, Lock in the Largest L

A total length of 4,221 miles is also claimed for the Mississippi, from the source of the Missouri in the Rocky Mountains, Montana, to the Gulf of Mexico



Climate.-The normal temperature (annual mean) is 44° F. at St. Paul and 39° F. at Duluth, and the annual precipitation is about 30 inches. The low winter readings are mitigated by the

GOVERNMENT.

Minnesota was included in the Louisiana Purchase (see Louisians) of 1803, and was Purchase (see Louisiana) of 1803, and was organized as a Territory on 3 March, 1849, to be admitted as a Sovereign State, 12 May, 1858. Under the constitution of 13 Oct., 1857, the executive officers are elected biennially (except

The organized militia consisted in 1915 of 227 officers and 3,280 enlisted men.

In 1913 the school population was 590,636. The common school enrolment was 448,857. The The common school enrolment was 448.857. The average attendance was 337,081, and the expenditure was \$15,773,466. The 263 public high schools had 35,843 secondary pupils, and the 6 State normal schools 4,043 pupils. The State University, founded at Minueapolis in 1851 (and opened in 1864), is one of the largest in the world, having 459 professors and 4,958 students in 1913-14. Other Institutions of college rank are Hamline University (1854) at St. Paul and Minne-Hammie University (1854) at St. Frau and Mine-apolis, Macalester College (1853) at St. Paul, Lutheran Colleges at Minneapolis, Northfield, and St. Peter, Carleton College (1866) at North-field, Parker College (1868) at Winnebago City, St. John's University (1853) at Collegeville, and the Albert Lea College for Women (1884).

The receipts for the two-year period ended 1914, being \$3,807,830. There is no State debt.

Applications—In soon there were sels, apfairs, with a total area of applessa acres, of which is possible area of applessa acres, of which is possible area of which is possible area of the possible a produced in 1913 was \$85,814,533, of which Mankato 10,365

36.609,331 long tons of from ofe represented \$80,789,025. The production of from one from the Mesaba and Vermilion Mountains of St. Louis County far exceeds that of any other

Manufactures .- In 1909 there were 5,561 establishments employing - xo4, 406 persons, with samments employing to, 400 persons, with capital \$275,416,000, and value of products \$409,420,000, of which \$127,798,000 were added by manufacture. The principal industries were flour and grist mill products \$140,000,000 (chiefly (\$25,200,000).steam car construction (\$12,650,000), linseed oil (\$11,037,000), malt liquors (\$10,050,000), and boots and shoes (\$7,570,000). The chief industrial centers are Minneapolis (\$165,500,000). St. Paul (\$59,000,000), Duluth (\$17,200,000), and

TRANSPORTATION.

In 1913 there were 9,026 miles of steam and 626 miles of electric railroad. The navigable

INCORPORATED PLACES.

St. Paul, in Ramsey County, at the natural head of navigation below the Falls of St. Anthony on the Mississippi, River, was founded capital of Minnesota in 1849, being chartered as a city in 1834. The city extends along both banks of the river, which is spanned by five bridges, the High Bridge being 2,79 feet long and 200 feet above the water. St. Paul is a rail-Within 10 miles of the center of St. Paul is MINNEAPOLIS, the largest city in the State, and MINNEAPOLIS, the largest city in the state, and the chief flour-milling center of the world, with water power derived from the Falls of St. Anthony. Minneapolis was founded in 1846 and was chartered as a city in 1867. These "Twin Cities of the West" are planned in such a way that the natural beauties of the neighborhood annually attracts 250,000 to 500,000 visitors. At the census of 1910 there were within the State 19 incorporated places with populations ex-

ST. PAUL214.744	Minneapolis301,408
Albert Lea 6, ros	New Ulm 5.648
Austin 6.960	Owatonna 5,658
Bemidji 5,000	Red Wing 9,048
Brainerd 8,526	Rochester 7,844
Chisholm 7,684	St. Cloud 10,600
Cloquet 7,031	Stillwater 10,198
	Yirginia 10,473

MISSISSIPPI.

(Admitted to the Union to Dec.; 1817.) AREA, 46,865 sq. miles. Capital, Jackson.

CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Por Sq. Mile,
1870	382,896	444,201	827,922	17'9
1880	479,398	650,291	1,131,597	#4'4
1890	544,851	742,559	1,289,600	#7'8
1900	641,200	907,630	1,551,270	33'5
1910	786,111	1,009,487	1,797,114	36'8

In 1910 the urban population was 207,311 and the rural population 1,589,803; the males numbered 95,760 and the females 891,354. The principal religious denominations are the Baptists and the Methodists.

concernom commans and Arienman). The total area is 4969 sq. miles (46,38) and and 903 water), the greatest breadth from east to west 320 miles, and the greatest length from north to south 390 miles. The State lies between 30^2 31^2 32^5 N. latitude and 88^5 $\gamma' = 91^0$ 47^7 W. longitude.

Rollef.—The State occupies part of the Great Coastal Plain region, and close on one-sixth of the area is below the flood level of the Mississippi. stretches for 7,000 sq. miles over the western counties, between the Yazoo and the Mississippi,

Vicksburg is 65° F., and although the extremes are between $-r^{\circ}$ (Jan.) and ror° (Junc), the climate is found to be far from oppressive. The annual precipitation is 53 inches, evenly distri-buted over the State, and with little variation throughout the year.

Mississippi was organized as a Territory in mississippi was organized as a letricory in a rose, when effect was given to the Treaty of San Lorenzo el Real of 1796, under which spain ecded to the U.S. the area bounded by 32° N. latitude. On 10 Dec., 1817, this district was admitted to the Union as a Sovereign State, and its southern boundary was extended to the Gulf by a further treaty with Spain in 1821. The State is governed under the Constitution of I Nov., 1890, the executive officials being chosen

The organized militia consisted in agrs of 78

The Mississippi ("Father of Waters"), the longest river in the world, is wholly within the Mississippi system exceeds 2,320,000 square miles, or more than two-fifths of the total area of the U.S., and the navigable waters of the system exceed 14,000 miles, The Mississippi, from Hasca Lake, Minn, to St. Louis, Mo., Bows in a clear stream, and is migaging the St. Peul Minn, Passate solls. the Fig. 1 stom events where the second is 1 south the Fig. Model, "Masouri discolors she etream, which remains yellowish for the rest of its many the second in the secon St. Paul, Minn. Twenty miles above St. Louis the "Big Muddy" Missouri discolors the stream,

In rors the school population was 610,959 the enrolment being 492,756, the average attendance 9,443 secondary pupils, and the public normal schools at Oxford and Hattiesville had 19 teachers and 534 pupils. There is an Agricultural and Mississippi, founderal Oxford (Lamyette County) in 1844 (opened in 1848), had 32 professors and other instructors and 354 students in 1913-14. Other institutions for higher education are:— Mississippi College at Clinton (Hinds County), Rust University at Holly Springs (Marshall County), and Millsaps College at Jackson.

The receipts for the year ended 30 Sept., 1913.

PRODUCTION AND INDUSTRY.

Agriculture. -- In 1910 there were 274, 282 farms, Approximate - In 1940 tante were 244-38 tarnis, with a total area of 18.557.533 acres, of which 9,008,324,000.285; of buildings, \$80.766,000; of implements and machinery, \$16.903,322; and of live stock, \$75.447,023 - total for all farm property of \$426.314.634. The principal crops property of \$426.314.634. in 1914 were corn, 58,275,000 bushels, and cotton, 1,245,000 bales. Vegetables, to the value of \$5,870,000, and orchard fruits (\$1,330,000) were included 241,000 horses, 292,000 mules, 434,000 milch cows, 514,000 other neat cattle, 208,000 Forestry .- 2,610,581 thousand feet of lumber

were produced in rorr, and 2,381,898 thousand feet in 1912, more than four-lifths of the total one leng veltow pine, which and produces valuntile quantities of turpentine and rosin.

Minerate.—No metallic minerals are reported in the otal value of \$1,743,472 for 1973, including clay products (\$641.97) and sand and gravel (\$480.67), but mineral waters are bottled at 8 springs in the \$140.

Manufactures.-In 1909 there were 2,508 es-

tablishments employing 56,76r persons, with capital \$72,393,000, and value of products \$80,555,000, 0f which \$43,629,000 was added by

In 1913, there were 4,456 miles of railroad within the State, and 117 miles of electric road. The principal hardons are like of the circumstance of the property of the control of the con

city. It contains a handsome new capitol and a large State library. At the census of 1910 there were 15 incorporated places with populations

ceeding 5,000 :-				
ACKSON	21.262	Hatties	ourg	II,733
-aakharan	E.202	McCom	0	0,237
olumbus City	8.6881	Meridia		23,205
orinth				
	0.610	Vicksby	SI	20,814
reenwood	E.826	Yazoo		6,796
alfoort	6.286			

MISSOURI.

(Admitted to the Union a March, sar.) AREA, 69,420 square miles. CAPITAL City of

CENSUS POPULATION, 1870-1010.

Zear.	White.	Negro.	Total,	Per sq. mile,
1870	1,603,146	118,071	1,721,295	25°0
1880	2,022,826	145,350	2,168,380	31°6
1890	2,528,458	150,184	2,679,185	39°0
1900	2,944,843	161,234	3,106,665	45°2
1910	3,134,932	157,452	3,293,335	47°9

In 1910 the urban population was 1.208,817 and the tureal population was 1,398,877 and the rural population 1,804,518; the males numbered 1,687,813 and the females 1,605,528. The principal religious denominations are the Roman Catholics, Baptists, Methodists, Disciples, Presbyterians, Lutherans and German

BOUNDARIES AND EXTENT.

Missouri ("Bullion State") is a North Central State, bounded on the N. by Iowa, on the S. by Arkansas, on the E. by the Mississippi (which when the desired properties of boundary, close of goo are river frontage (dissessippl, so miles, Missouri soo miles, Missouri

Relief .- The State is divided into two unequal portions by the Missouri River. The northern



Jacob's Cavern, near Pineville, McDonald County, which has furnished many prelistoric relies; Crystal Care, near Joplin, Jaspar County, lined with dazzling crystals; Knoz Care, in Greene County; Ozari: Carerns, in Christian County;

being formed by the Des Moines, from the Iowa-Illinois boundary to its confluence with the Mississippi. The "Missouri forms the western

annuar resumps at Annuar (15) being 100 and -20° F.; and at St. Louis, 107° and -22° F.; the normal annual temperature being 53° (Kansas City), 55° (Springheld) and 56° (St. Louis). The Missouri and

Missouri formed part of the Louisiana pur-chase of 1803, and was organized as a Territory 4 June, 1812, to be admitted to the Union as a Sovereign State a March, 1822. Under the Constitution of 1875 the executive officers are

Kans. (pop. 82,331)

The General Assembly consists of a Senate of

the state of the s

sessional indemnity of members of the legislature

The organized militia consisted in 1915 of 237 officers and 3,672 culisted men. The naval militia consisted in 1914 of 29 officers and 184

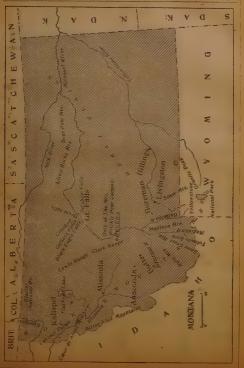
The public school population in 1913 was 875.390, there was an enrolment of 690,484, an average daily attendance of 494,390, and the school expenditure was \$15,537,564. The 452 pupils in 1913-14, and there are seven State normal schools with 240 teachers and 5,773 students. The principal institution for higher education is the State University of Missouri. consistence at common (assone county) in 1841, with any professors and 2,726 students in 1933-14. Other institutions are the non-secretarism Washington University (1852) at St. Louis, with 1,544 students, and St. Louis Catholic University (1829) with z 442 students. The Lincoln Institute for colored persons of both sexes was opened at Jefferson City in 1866.

FINANCE.

The receipts of the State for 1912 were \$11.013,126, and the disbursements \$10.070.007, the balance on hand r Jan., 1912 being \$2.051,831. The bonded debt of the State consists of \$284,000. capitol building bonds and \$4,398,840 school

Agriculture.—In 1910 there were 277,244 farms with a total area of 34,591,248 acres, of which 24,581,186 were improved. The land was valued at \$1,445,682,899, buildings at \$270,221,997, implements and machinery at \$50,873,994, and live stock at \$285,839,108, a total value for all in the control of the

Manufacture—Un sponger were 8,720 stable Manufacture—Un sponger were 8,720 stable University of the Manufacture—Un sponger of value of product \$5,943,100,000 (which \$240,700,000 was asked by manufacture. The principal sponger of the sponger of th



Springfield (\$5,400,000), Jeplin (\$4,150,000), Sedalia (\$2,350,000), Moberly (\$2,000,000) and Webb City (\$800,000).

In 1913 there were 8,153 miles of steam rail-road and 1,228 miles of electric railway. The Mississippi and Missouri are the principal means

JEFFERSON CITY, the capital of the State, in Cole County, and on the Missouri river, was founded in 1822, and named in honor Thomas Jefferson, to be chartered as a city in 1839. The capitol was built in 1842, and has been rebuilt after destruction by fire in 1912. The largest city in the State is St. Louis (the fourth largest city and industrial center in the U.S.). founded by the Freich in 1766 and morporated as a city in 1869. The position of the city in the midst of the Mississippi valley, its fine buildings and bridges, and its magnificent parks (1,300 acres in all) bring St. Louis into the first rank among the cities of the world. KANSAS CITY, at the confinence of the Missouri and Kansas rivers, was founded in 1821, and its first charter was adopted in 1875. Like St. Louis, the city is

At the Census of 1910 there were in the State

27 Incorporated places "	Year E-F-	
ing 5,000 :		
JEFFERSON CITY 11,850		5,242
ST. LOUIS 687,029		5,939
KANSAS CITY 248,381		10,923
Brookfield 5,749		7,276
Cape Girardeau. 8,475		6,919
Carthage 9,483		9:437
Chillicothe 6,265		77,40
Columbia 9,662		17,82
Flat River 5,112	Springfield	35,20:
Fulton 5,238	Trenton	5,65
Hannibal 18,341		11,81
Independence 9,859	Webster Greves	7,08
Joplin 32,073		7,31
John Hamilto . 6247		

MONTANA.

"(Admitted to the Union 22 Feb., 1889.) AREA, 146,997 Square miles. CAPITAL, Helena. CENSUS POPULATION 1870-1910

CHILDRO TO THE TOTAL THE TOTAL TO AL TO THE				
Year.	White.	Negro.	Total.	Per sq. mile.
1870 1880 1890 1900	18,306 35,385 127,690 226,283 360,580	183 346 1,490 1,523 1,834	20,595 39,159 142,924 243,329 376,053	0,1 0,3 1,0 1,0

In 1916 the mean population humored to 10,745. Chinese 1,285, and 35panese 1,285, and the runal population was 133,420, and the runal population 226,633; the males numbered 226,872 and the females 149,281. The frincipal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Methodists

Montana (**Status Too State*), is a Mountain State, bounded on the N. by the Canadian provinces of British Columbia, Alberta and Saskatchewan, on the S. by 162 and on the W. by 162 and on the W. by 162 and on the W. by 163 and 163 and 164 and 164 and 164 and 165
PHYSICAL FRATURES.

Relief -One-third of the State is occupied by the Rocky Mountain system, and the remainder forms a portion of the Great Plains. The Rocky Mountains extend from the northwest to the and Court of Alien Mountains creat from Idaha in the northwest, and the Rady, Snow Crest, Tolesco Root, Madison and Snow Mountains, with many other spurs, occupy the southwestern portion of the State. There are many isolated ranges in addition, notably the Bear Pieu and the Little Rocky Mountains of the while the Great Plains to the while the Great Plains to the Mountain of the which have a general Plains to mountain miles) which have a general plain to mountain the Mountain and the Mountain State of
Hydrography.—The great river of Montana is the Missouri, which is formed by the junction of the Jefferson, Gallatin and Madison rivers at Gallatin city. The Missouri flows northward to Fort Benton and thence eastwards across the to Fort Benton and thence eastwards across th North Dakota boundary. The river break through the mountain barrier at the Gate of the Mountains in the Prickly Pear Canyon, and a Great Fails the channel contracts from 800 yard to saft rate the channel contracts from 500 Part to 300 feet, and there is a descent of 500 fee over Black Eagle Falls (50 feet), Colters, Crooker Ratinbox Falls (48 feet) and Graat Falls (52 feet) The principal tributaries of the Missouri are the Yellowitsen National Perk to its confluence of the North Boston boundary, and the Milk Rive which flows across the northern boundary, i.C. Locaca County, and The Carlo Fork of the Columbia river, known in Montans as the Missoule, or Hell Gate River, provides abundar water-power in the northern provides abundaries in Flathend Country, which also contain the provides and the

Climate.—There are great variations in temperature, the highest, lowest and researches the Helens being root,—as, and as I and at Havre root,—as, and as I are the Helens to the root of the the Helens to the root of the Pacific Chinese which will be the warm and dry. The Great Plains ha

ong winters that are often intensely cold, and of and dry summers, but there is sufficient unfall to ensure good grazing on the bunch rass area of the Rad Lands, which support

The area east of the Rocky Mountains was equired under the Louisiana Purchase of 1803, and that to the west of the mountains in 1846. none dutil their organization at the Terftory I Montans in 1864, to be admitted to Statcheod 1 1889. The State is governed under the manufactuation of 1889, under which the executive meers are elected for the term of four years.

LEGISLATURE.

The General Assembly consists of a Senate of members elected for four years, and renewable to one half biennially, and of a House of 85 depresentatives elected for two years.

The organized militia consisted in 1915 of 45 fficers and 663 emilsted men.

The public school population in 1913 was 0,006. There was a total curolment of 75,006, and an average daily attendance of 54,466, and he school expenditure was \$4,418,751. The 70 in school expenditure was \$4,440,78. The building schools had \$5,708 secondary pupils and there is a State normal school, a Chilegon priculture and Mochanic Aris, and a College of Mines. The State University of Eventual Mochanic and State University of professors and \$47 students in 1913 44. The State of the State University of Eventual \$47 students in 1913 44.

The receipts for the year ended 30 Nov., 1914 rere \$3.50,000 and the expenditures \$5.50,000 and the expenditures \$5.50,000 and the expenditures \$5.50,000 are the balance on hand 20 Nov., 174, being \$1.383,68a. The bonded dots of the State is \$500,000, with a sinking fund of \$48,000.

Apriculture. In grot there were objust farms with a found area of \$2.56.00 a.c.s., the land account of \$2.56.00 a.c.s., the land account of \$2.56.00 a.c.s., the land account of \$2.50.00 a.m. of the land account of the land acc near fifth cultivation, the various projects being satinated to cost \$32,500,000 when complete, but I stan, 1925, the liter Stock included 391,000 obrees, 4,000 indies, 114,000 milled, cows, 791,000 there near earlie, 4,379,000 sheep and 275,000 when. The wool product in 1914 was 30,177,000lb.,

the modification of the state o

Munificeners.—In 1909 there were 667 estab-lishments, employing 12,655 persons, with capital \$44,688,000 and value of products \$73,370,000, of which \$4,000,000 was added by manufacture. The principal industries are copper amelting

Industrial centers being Butte (\$3,464,000). Helena (\$1,303,000), Billings (\$1,243,000), and Missoula (\$1,772,000).

In 1913 there were 4.497 miles of railroad within the State and 119 miles of electric roads. since the development of the railroads.

HELENA, the capital of the State, situated in Lewis and Clark County, at an altitude of 4.000 feet, at the base of the Rocky Mountains. city was established as a mining camp in 1864, and became the capital when the Terrifory was organized, to be chartered as a city in 1881. BUTTE, the most populous city in the State, and founded in 1864 and chartered in 1879. In the neighborhood of the city is the famous Anaconda copper and silver mine, which pre-

HELENA	IR, SIS	Great Falls	
Anaconda		Kalispel	5,549
Billings		Livingsfon	5,359
Bozeman			12,009
Rutia	20.165		

NEBRASKA.

(Admitted to the Union 9 Feb., 1867.) ARNA, 27.520 Square miles. Capital, Lincoln.

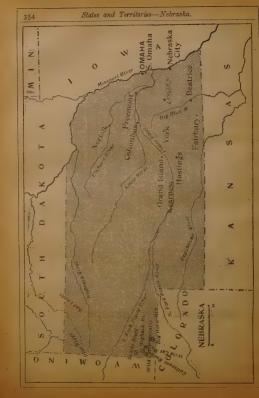
Year.	White.	Negro.	Total.	Per sq. mile.
1870 1880 1890 1900 1910	138,117 449,764 1,047,096 1,056,586 2,180,893	789 a,385 8,913 6,a69 7,689	188,993 458,408 1,068,656 1,066,300 1,198,814	15.2 13.8 13.8 13.8

In 1930 the urban population was 310,852 and the rural 400pulation 881,352; the males numbered 627,952 and the females 56,432. The principal religious denominations are the Roman Catholics, Methodiats, Lutherans, Presbyterlans, University of the Communication o

Notingian is a Weat North Central State, Notingian is a Weat North Central State, household on the N. by Smith Indocts, on the S. by Colorada and Kanessen Line State, and the S. by Colorada and Kanessen Line State Central Colorada Colorada. The India State Line State From Lowa and Missourity, and on the W. by Wyoming and Colorada. The India State 1977, pages 2000 and Colorada Co

PHYSICAL FRATURES.

Relief .- The State occupies a part of the Great Plains and Prairie Plains, with a general slope



from N.W. to S.E. The highest point is in Banner County (5,350 feet), close to the Wyoming elevation of Richardson County in the extreme S.E. is below ooo feet. In the extreme N.W. Pine Ridge crosses the corner of the State, from (between the North and South Platte Rivers)
Wild Cat Mountains contain Hogback (5,080 feet), Coliseum Rock (5,050 feet), Wild Cat (5,040 feet). Colseum Rock (5,000 feet), Wild Cat (5,000 feet), Big Horn (4,720 feet), and Scott's Burf (4,500 feet). Four-fifths of the State fall within the Great Plains Region, where the Bed Lands contain many picturesque canyons, and the remaining fifth part is principally within the

Hudrography. - The Missouri forms the eastern Hydrography.—Inc messour form the certain boundary for close on 500 miles, and into this great river flows the Nebraska, or Platte, which is formed by the union of the North and South Forks in Lincoln County. The North Platte rises in the Rocky Mountains, Wyoming, and united river having a length of 1,260 miles from its source in the Rockies to its outflow into the Mississippi at Plattsmouth. The principal

The winters are cold (North Platte - 35° F.) Omaha - 32° F., being the lowest annual readings. 107 F.) the normal annual temperature being 48 F. at North Platte and 50 F. at Omaha, and for the whole State 40° F

Nebraska formed part of the Louisiana Purchase of 1802, and was organized as a territory in 1854. its present boundaries being determined in 1863. In 1867, Nebraska was admitted to Statehood, and under the constitution of 1875 (replacing the original of 1866) the chief executive officers are

The organized militia consisted in 1915 of rrq officers and r,474 eplisted men.

In rors the school population was 224,660, the enrolment being 283,848 and the average daily enrolment being 283,848 and the average daily attendance 203,897; the school expenditure was \$9,320,978. There are 277 public high schools with 25,776 puplis and 4 State normal schools. The principal State institution for higher education is the University of Nebraska founded equication is the University or seconska founded at the capital in 1869, with 144 professors and 3.075 students in 1913-14. Other institutions are the Creighton University (Roman Catholic) at Omaha, Nebraska Wesleyan University at University Place, Cotner University Disciples), York College (United Baptist), Doane College (Congregational), Grand Island College (Baptist),

The receipts for the year ending 30 Nov., xqx4. were \$6,451,742 and the expenditure \$6,346,034 the balance on hand being \$745,108. There is no State debt.

Agriculture.—In 1910 there were 129,678 farms with a total area of 38,622,021 acres, of which 24,382,577 were improved. The land was valued as 32,377 etc improved. The fand was valued at \$1.51,233,313), an increase of \$1,127,233,473 since 1900), the buildings at \$108,807,622, implements and machinery \$44,249,708, and live solves \$222,222,004, a total value for all farm property of \$2.00,28.6,67, a total exceeded only by Himois and Iowa, and an increase since 1900 of \$1,331,868.590. The principal crops in 1914 were: wheat, 68,116,000 bushels; corn, 173,950,000 bushels; potatoes, 9,440,000 bushels; hay, 2,535,000 tons. The Live Stock on r January, 1915, included 1,038,000 horses, 85,000 mules,

Minerals.-The total value of minerals won in 1913 was \$1,433.718, principally clay products,

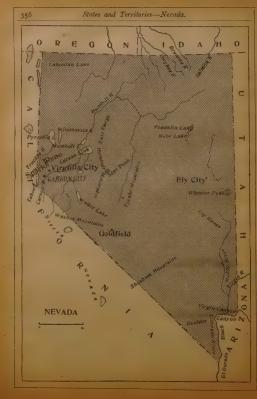
Manufactures. — In 1909 there were 2,500 establishments employing 31,966 persons, with capital \$99,901,000, and value of products \$199,019,000, of which \$47,938,000 was added by manufacture. The principal industries are slaughtering and meat packing (\$92,305,000), flour and grist mill products (\$17.836,000), butter, cheese, and condensed milk (\$7,68x,000), car cheese, and condensed misk (\$7,007,000), car constructions and repairs (\$4,642,000), and mall liquors (\$3,335,000); the chief industrial centers being South Omaha \$92,435,000 (chiefly slaughter-ing and packing), Omaha \$60.855,000, Lincoln \$7,000,000, and Grand Island \$1,850,000.

State in 1913, being 6,142 miles. The electric road milesge was 246.

LINCOLN, in Lancaster County, chosen as the capital of the State in 1869 and first chartered in 1871, is a most attractive residential city, with fine buildings, and surrounded by a beautiful farming region. A State Fair is held annually in the Fair Grounds outside the city. The largest founded in 1854 and first chartered in 1857; the festival of Ak-Sar-Ben brings a vast concourse of people to the city in the fall. South OMAHA, the the greatest meat packing center in the world) was chartered in 1887.

At the census of rozo there were 13 incorpo-

Sairbury 5,014 Norfolk 6,025				
	aincoln	43,973 9,356 5,014 5,294 8,718	Kearney Nebraska City Norfolk Omaha South Omaha	6,202 5,488 6,025 124,096 26,259



NEVADA.

(Admitted to the Union as March, 1864.) AREA, 210,690 sq. miles. CAPITAL, Carson City.

CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total	Per sq mile.
1870 1880 1890 1900 1910	38,959 53,536 39,121 35,505 74,276	357 488 242 134 573	42,49x 62,266 47,355 42,335 8x,875	0°4 0°6 0°4 0°4

In rore the Indian population was 5,240, the Chinese 927, and Japanese 864. The urban population was 13,367 and the rural popu-lation 65,608; the males numbered 52,551, and the females 29,324. The majority of the inhabi-tants are Roman Catholics, the other principal organizations beling the Protestant Episcopal Church, Methodists, Latter Day Saints and

Nevada ("Silver State") is a Mountain State, bounded on the N. by Oregon and Idaho, on the S. and S.W. by California, and on the E. by Utah and Arizona. The total area is 110,690 square miles (109,821 land and 869 water), the greatest breadth from E. to W. is 313 miles, and the greatest length from N. to S. is 485 miles. The State lies between 35°-42° N. fatitude and xx4° x' 34° -x20° x' 34° W. longitude.

Rous,—and general elevation of the State is from 4,000 to 5,000 feet above mean sea level, with outliers of the Sierra Newada in the S.W., and numerous north and south ranges and isolated buttles and means, interspended with valleys and barren deserts. The Washow Mounvalieys and barren deserts. The washe Moun-tains of the Sierra Nevada range, the East Humboldt Eange (with peaks of 12,000 feet), the Toyabe Mountains (12,000 feet), Shokhone Moun-tains and Humboldt Mountains (Star Feak,

is the 'O-ybes, Lillie O-ybes, Salmon and Sulfs, the Live Steen monded phase formels, how the Brunsan, which rooms the northern boundary on their course to the Facilit. The principal lates and their course to the Facilit. The principal lates are Jovannied 33 miles long and at units whole. The principal lates are Jovannied 33 miles long and a units with the Jovannies of Carlor and Theory of the Salmon and Tables, the last named being principally within the boundaries of California. The north was covered as forms part of the Capture, the Capture of the Capt

much larger area, and formed Lake Lahontan Climate.-The air of Nevada is extraordinarily

Climate.—The air of Nevaga is extraoruman; dry and clear, and although the aummers are hot the heat is not oppressive. The highest summer reading at Winnemucca is roy F. (July), and the lowest -28 F. (January), the normal amount temperature being 49° F. The annual precipitation is very low, 8.4 inches being the average annual fall in 36 years.

Nevada passed to the United States under the the Mexican war of 1848), and formed part of California until 1850, and of Utah from 1850-1861. On 2 March, 1861, the Territory of Nevada in 1864 the boundaries of the new State were original constitution of 1864 (with subsequent amendments) the chief executive officers are

The General Assembly consists of a Senate of as to one half biennially, and of a House of 53 Representatives, elected for two years.

In rors the common school population was 15.544, the enrolment being 11,008, the average daily attendance 8,190, and the expenditure \$625,562. There are 16 public high schools with 1,022 secondary pupils. The State University of Nevada was founded in 1886 at Reno, and had 4z professors and instructors and 308 students

The receipts for 1914 were \$881,538, and the expenditures \$1,073,114, the balance on hand 1 Jan, 1914 having been \$449,494. The bonded debt of the State on 31 Dec., 1913, was \$680,000, with sinking funds of \$449,405.

PRODUCTION AND INDUSTRY.

Agriculture.—In 1910 there were 2,685 farms, with a total area of 2,744,757 acres, of which 1752,117 were improved. The land was valued at \$35,376,590, buildings at \$4,332,490, implements and machinery at \$1,576,006, and live stock at \$13,213,330, a total value for all farm property of the control of the \$60,399,365. The principal crops in xgra on 300,390,390. The principal crops in 1972, were: wheat, 1,33,000 bushels; polatices, 1,56,000 bushels; hay, 803,000 tona. Irrigation centerprizes to an estimated total value of over \$12,000,000 have been undertaken, and the Truckter-Carron \$9,000,000 project, by which the surplus waters of the Truckee are transferred to the Carron second sec to the Carson river, will eventually effect the reclamation of about 400,000 acres. On I Jan. 1915, the Live Stock included 78,000 houses, 30,000 mules, 24,000 miles, 24,

358



world, and the Comstock Lode, near Virginia City, has produced over \$320,000,000 worth of silver The mine is also remarkable for the \$2.500,000 Sutro Tunnel (4 miles long) which

Manufactures .- In 1904 there were 177 estab-Manufactures.—In 1909 there were 177 estab-lishments, employing 2,650 persons, with capital \$9,806,000 and value of products \$11,887,000, of which \$3,527,000 was added by manufacture. Car construction and repairs (\$5,03,000), and flour and grist mill products (\$600,000) are the principal industries. The factory product of Reno in 1909 was \$1,862,000.

In 1913 the mileage of railroads within the State was 2,341 miles, three main lines crossing the State from east to west. The electric road

CARBON CITY, the capital of the State, situated in the picturesque Eagle Valley, at the foot of the Sierra Nevada, was founded in sign, and city in sign. The largest city in the State is Reno, the seat of the State University, with ro.857 inhabitants in 1900. Other cities and towns are Goldfield (4,8-36), Sparks City (a,500), Virginia City (a,444), and Ely City (a,505).

NEW HAMPSHIRE.

AREA, 9,341 square miles. CAPITAL, Concord.

CENSUS POPULATION, 1870-1010.

Year.	White.	Negro.	Total.	Per square mile.
1870	317,697	580	318,300	35°2
1880	346,229	685	346,991	38°4
1890	375,840	614	376,530	41°7
1900	410,791	662	411,588	45°6
1910	429,906	564	430,572	47°7

In 1970 the urban population was 255,099 and the rural population 1975,473; the males numbered 255,290, and the females 254,282. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies

SOCHARIES AND EXTENT.

New Hamphire ("Graints State") is a New Exemptine ("Graints State") is a New the Canadian Province of Quebic, on the S. by Massachusetts, on the E. by Maine and the Market Ocean, and on the Wr. by the Con-Vermout. The total area is 9.341 square miles (aggi land and 150 waters): the greatest breadth from N. to S. is significant. The total area is 9.341 square miles (aggi land and 150 waters): the greatest breadth from N. to S. is significant. The State like between 47 40 - 45 10 28 miles. The State like between 74 37 - 72 37 W. Longituda.

system. The White Mountains consist principally dential Range contains the highest point in the State, Mount Washington, in Coos County Carter Dome (4,860 feet), and to the south-west the Crawford Notch separates the Presidential (5,360 feet) and Mount Lincoln (5,098 feet). This a plateau with occasional peaks, or monadnocks (Mt. Monadnock, 3, 186 feet); and to the south of Atlantic coast are the Isles of Shoals (partly within the boundaries of Maine).

flows across the southern boundary into the Atlantic, 150 miles from its source, receiving the waters of the Contoccook in Merrimack rivers flow into the Atlantic in Piscataqua

with cool summers and long winters, the pre-cipitation being greatest in the late summer and early fall. The variety of elevation from over 5,000 to below 500 feet gives winter mean averages from 180 to 25° F., and summer averages from 42° to 47° F

New Hampshire was founded, by settlers from England under John Mason, in the first quarter of the seventeenth century, and after forming a or the sevent-central century, and after comming a provisional government on 5 Jan., 1776, rattlied the Constitution of the United States ar June, 1788. The constitution of 1776 was the first wholly independent government in the country, and provided for a Fresident, a General Court,



by the present constitution in 1784, under which (with subsequent amendments) the executive district), elected in each case for two years.

The General Court consists of a Senate of 20 members and of a House of 405 Representatives, elected in each case for two years. The General day in January of odd numbered years. The annual indemnity of members is \$200.

DEFENSE.

" The organized militia consisted in 1915 of 92 officers and 1,325 enlisted men.

In rors the school population was of ors, the In 1913 the school population was 50,913, the enrolment being 65,000 and the average daily attendance 50,000. The expenditure for the public schools was \$1,82,160. There are State Normal Schools at Plymouth and Keene, and a College of Agriculture and Mechanic Arts at Durham, Strafford County. There is no State Durisan, Stafford County. There is no State University, the principal institutions for higher aducation being Dartmouth College (non-sectorian), founded at Hanover in 1769 (123 instructors and 1,229 statents in 1913-14), and St. Anselm's College (Roman Catholic), opened St. Ausemi s at Manchester in 1893. FINANCE.

The receipts for the year ended 31 Aug., 1914, were \$4,025,125 and the expenditures \$3,283,195, the balance on hand, 31 Aug., 1914, began \$1,245,832. The bonded debt of the State amounted to \$963,503 on 31 Aug., 1914

Agriculture. - In 1910 there were 27.053 farms, Agriculture.—In 1910 there were 2,025 farms, with a total area of 3,249,458 serve, of which ops, 35 were improved. The land was valued at \$4,459,249, hollings at \$4,359,24, implements \$2,459,24, implements \$2,459,24, implements \$2,459,245, implements \$

Minerals,-The total value of all minerals Minerale.—The total value of all inhereis produced in sign was Santages, principally produced in sign was Santages, principally mineral sign was such as the santage of the pulp (\$74,000,000). The chief industrial conters are Manchester (\$46,812,000), Nashua(\$27,230,000), Concord (\$5,896,000), Leconia (\$2,820,000), Berlin (\$3,482,000), and Purtsmouth (\$3,20,000,000).

The railroad mileage in 1913 was 1.256 milea. The electric road mileage was 304. The ports are Portsmouth on the Piscataqua estuary (which is also the port of entry for Kittery Navy Yard, Mc.) and Dover on the Cocheo river. The

foreign carrying trade is small, but there is a considerable coastal traffic.

INCORPORATED PLACES.

CONCORD, the capital of the State, and the snaneu cuy on the W. bank of the Merrimac, its area including several fine parks, was incor-porated in 1984, and became the capital of the State in 1982. The city was incorporated in 1853. MANCHESTER, the largest city and chief industrial center, obtains water power from the Amoskeag Falis on the Merrimac, and is an important center of the cotton goods industry. In 1910 there were fourteen incorporated places

rith populatious	s exceed	ing 5,000 :	
ONCORD	21,497	Laconia	10,183
serlin	11,780	Lebanon	5,718
laremont	7,529	Manchester	70,063
erry	5,123	Nashua	26,005
lover		Portsmouth	
ranklin		Rochester	
leene	10,068	Somersworth	6,704

NEW JERSEY.

AREA, 8,224 square miles. Capital, Trenton.

CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Persquare mile.
1870	875,407	30,658	996,096	120'6
1880	1,092,017	38,853	,1,131,116	150'5
1890	1,396,581	47,638	1,444,933	192'3
1900	1,812,317	69,844	1,883,669	250'7
1910	2,445,894	89,700	2,537,167	337'7

In 1910 the urban population was 1,907,210, and the rural population 629,957; the males numbered 1,286,463 and the females 1,250,704. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Methodists, Presbyterians, Baptists, and the Protestant Episcopal Church.

New Jersey ("Jersey Elue State"), is a Middle Atlantic State, bounded on the N. by New York, on the S. by Delaware Bay, on the E. by the Hudson River (which separates the State from 710 water), the pressets breauth from R. 10 W. is 70 miles, and the greatest length from N. to S. is 160 miles. The State lies between 35° 55′ 40″—47° 21′ 22″ N. latitude and between 73° 53′ 30″—75° 35′ W. longitude.

Relief.—In the extreme northwest the Kittatinny Mountains cross the Pennylvania for the Kittatinny Mountains cross the Pennylvania the greatest altitude being High Point (a.8ex feet) in Sussex County. Southeast of the Kittatinny range are the Highlands, a plateau with an average elevation of a.coc feet, and a reseates altitude of a.gof ext. and from the other contracts altitude of a.gof ext. and from the other contracts altitude of a.gof ext. and from the other contracts altitude of a.gof ext. and from the other contracts altitude of a.gof ext. and from the other contracts are contracted as a contract of the contra of this plateau to the northeastern boundary is

a lowland area, terminating in the Pallandes of the Hudson, a steep ridge of columnar basalt rocks, about aso to go feet above the river. The remaining properties of the properties of the collection of so to ago feet, but generally below no feet. The southwestern coast line washed by the Delaware is marshy, and the attantic coast is the continuous of the collection of the collection of the basaches enclosing bays.

the climatic conditions owing to the diversity of elevation and to the influence of the Atlantic breezes. The summer heat is tempered by both influences, and the Atlantic coast and the highlands of the northwest contain many favorite and fashionable summer resorts, while Atlantic City and Lakewood are also much frequented in whiter, the mean annual tempera-

GOVERNMENT.

New Jersey was settled early in the seventeenth century, and set up an Independent century of the property of the control of the "Greenwich Ten Kutty" (as Nov., 1974), which marked the opposition of the colonists to the safed in the present constitution (amended in 1875 and 1879) under which the exceptive authority is entrasted to a Governor, immediately ascensive term. The Governor, with the advice and consent of the Senate, with the complete of the Control of the Control with the conformation of the Tensers (Comptolier and Commissionstro of beeds, who are appointed by the two Houses of the Legislature in joint of the Vernander of the Control of the Control

T.EGIST.APPER

There is a Senate of an members, one from eac county, elected for 3 years and renewable as t one-third annually, and a General Assembly of 50 Representatives elected for 2 years.

+ DEFENS

The organised militia consisted in 1915 of 296 officers and 4,176 enlisted men.

The public school population in 1913 was 559,60z, the enrolmes was 478,095, the average

daily attendance being galooy, the expenditures \$8.000 and the galoo product of the schools with \$8.000 and \$1.000 and \$1

FINANCE "

The balance on hand x Nov., 1913, was \$1,747,992, the receipts for the year being \$9,036,390 and the disbursements \$9,678,727. There is no debt. The balance on x Nov., 1914, was \$1.08,605.

PRODUCTION AND INDUSTRY.

Agriculture.—In 1910 there were 33,46° (Arms, with a total area of a57,86°), area, of which a total area of a57,86° area, of which are a series of a total of a series of a se

Fisheries.—The products of the fisheries in 1908 were valued at \$3,058,586, and the number of persons employed was 7,232, with 435 vessels and 1.842 boats.

Minerals.—The total value of the mineral products in 1913 was \$37,27,129, of which clay products were valued at \$19,705,398 (including \$8,836,845, the value of pottery). Portland cement (\$2,638,755) and zinc (\$9,421,664).

Monufactures.—In 1905 there were \$8.pt getal-likhments employing \$7.185 persons, with capital \$5077.775.000, and withter of products \$1.000 persons of the capital \$5077.775.000, and withter of products by manufacture. The principal industries are copper refuling and smelling (\$248.550.000), in constant of the constan

TRANSPORTATION.

The total mileage of railroad within the State in 1913 was 2,310, a higher ratio per square mile than in any other State. The electric mileage was 2,425. In addition to the deep water harbors of Jersey Otty and Hoboken, on the Hudson, there are over 300 miles of navigable waters on the Atlantie and Delaware coasts.

INCORPORATED PLACES.

TRINTON, the capital of the State, and the county sent of Aberre County, on the east bask and at the head of navigation of the Delaware of the Assembly (792) and Chief Justice 723-724. Treaton became the capital in 1700, and was chatched as a city in 1792. NFWARS, and was chatched as a city in 1792. NFWARS, State, was incorporated in 1892 and received life first charter in 1895. Justice 1717, on the Hudson River, was incorporated in 1800 and 1800 an

census of 1910 there were 53 incorporated pla-							
with populations exceeding 5,000 :-							
TRENTON96,815	New Brunswick 23.						
Asbury Park 10, 150	North Plainfield 6,						
Atlantic City46,150	Nutley 6,						
Bayonne55,545	Orange 29,						
Bloomfield 15,070	Passaic 54.						
Bridgeton14,200	Paterson125,						
Burlington 8,336	Perth Amboy 32,						
Camden94,538	Phillipsburg 13.						
Dover 7,468	Plainfield20,						
East Orange34,371	Princeton 5.						
Elizabeth73,409	Rahway 9,						
Englewood 9,924	Red Bank 76						
Garfield 10,213	Ridgewood 5,						
Gloucester 9,462	Roosevelt 5						
Guttenberg 5,647	Rutherford 7,						
Hackensack14,050	Salem 6,						
Hammonton 5,088	Somerville 50						
Harrison14,498	South Amboy 7,						
Hoboken70,324	South Orange 6,						
Irvington11,877	Summit 7,						
Jersey City267,779	Union21,						
Kearny18,659	Vineland 5						
Long Branch23,298	Westfield 6,						
Millville23,451	West Hoboken35,						
Montelair21,550	West New York 13.						
Morristown12,507	West Orange 10,						
Newark347.460							

NEW MEXICO.

(Admitted to the Union, 20 June, 1910.) ARRA, 122,634 square miles. Capital, Santa Fé

CRNSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total	Mile.
1870.	90,393	172 -	91,874	2'7
1880	108,722	1,015	119,565	1'0
1890	142,928	1,956	160,888	1'3
1900	180,207	1,610	195,310	1'6
1910	304,594	1,628	327,301	2'7

In 1970 the Indian population was 20,573. The urban population numbered 46,571 and the rural population 280,730; the males numbered 175,245 and the females 152,056. The principal religious organization is the Roman Catholic Church.

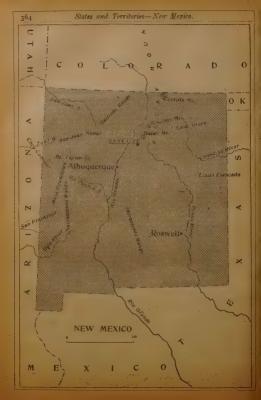
POSITION AND EXTENT.

State, bounded of the property of the control of the property
PHYSICAL FEATURE

Rollef.—The Rocky Mountain system crosses the state of th

Hydrography—The principal rivers are the Rio Grande and the Pecca. The Rio Grande Rio Grande and the Pecca The Rio Grande Rio Grande and the Pecca The Rio Grande Rio

Climate.—The climate of New Mexico is exceptionally salubrious, and extremely beneficial in temperature at the capital is g^0 F, the highest reading being g^0 F, and the lowest $- rg^2$ Hr annual preclimation is about 13 inches, of which a great part is snow on the Rocky Mountains, which afford a source of water-supply for



OVERNMENT.

JUDICIARY.

There is a Supreme Court of three justice elected for eight years and eight district court

LEGISLATURE.

There is a Senate of 24 members elected for four years, and a House of 49 Representatives elected for two years. The indemnity of legislators is \$5 per diem during sessions and traveling

Thursday

The organized militia consisted in 1915 of conficers and 651 enlisted men.

Entreamor

In vary the school population was noy, are, the enrolment being 6, 5c, the average child yatter-dance 4,25c, and the educational expeditures the enrolment being and the educational expeditures three public normal schools, and 3 schools for Indiana. The State controls a College of Agriculture and Mechanic Arts and a School of Mines, in addition to the University of New Indiana. The State controls a College of Mines, in addition to the University of New Indiana College of the College

The receipts in 1912 were \$2,382,275 and the expenditures \$2,295,008, the balance on hand on 30 November being \$655,376. The State debt is \$2.625,000.

Dronwowen can Yannama

Agricultura.—In 1910 there were 31,60¢ farms with a total area of 11,20,000 area, of without a total area of 11,20,000 area, of which a total area of 11,20,000 area,
Minerals.—The total value of minerals won in 1913 was \$17,862,369 (in 1912, \$14,391,355), principally coal (\$5,037,051), copper, and zinc. Mineral waters are bottled at five springs, and

Manufactures.—In 1909 there were 313 establishments, employing 4,66 persons, with capital \$7,743,000, and value of products \$7,868,000, which \$4,637,000 was added by manufacture. lumber and timber (\$2,162,000) are the principal industries, the chief center being-Albuquerque (\$1,288,000).

TRANSPORTATION.

The railroad mileage in 1913 was 3,032 miles, and there are many miles of State roads for post and general use. The electric road mileage was 10.

INCORPORATED PLACES.

SAYL FÉ. the capital of the State, was founded in the first decade of the seventeenth century, at the southern extractly of the main range of the the seventeenth control of the main range of the seventeenth control of the seventeenth co

NEW YORK.

One of the Thirteen Original States.

AREA, 40,204 square miles. Capital, Albany,

CENSUS POPULATION, 1870-1910.

Year.	White,	Negro.	Total.	mile.
1870	4,330,210	52,081	4,382,759	02.0
1880	5,016,022	65,104	5,082,871	125.2
1890	5,923,955	70,092	6,003,174	120.0
1900	7,156,881	99,232	7,268,894	100.4
1910	8,966,845	134,191	9,113,614	03.0

In 790 the Indian population was 5,446. Chinese 2,866, and Japanese 1,427. The urinal population was 5,446. Chinese 2,866, and Japanese 1,427. The wind property of the proper

DOCUMENT AND PRINTED

New York ("Empire State") is a Middle Atlantic State, bounded on the N. by Lake Ontarion and the St. Lawrence (which separates the Development of Grant Country of Country of Country of Country of Country vanis, New Jersey, and the Atlantic Ocean, on the Country of Country vanis, New Jersey, and the Atlantic Ocean, on the Country of Country vanis, New Jersey, and the Atlantic Ocean, on the Country of Country vanis, New Jersey, and the Atlantic Ocean, on the Country vanish of the C

2 The only wordble wheel to St. Avenuating Pla



PHYSICAL FEATURES

Relief .- The interior of the eastern half of the the principal systems are the Adirondacks and There are five parallel ranges, with many lofty summits, of which Mount Marcy (5,344 feet) in Essex County is the highest point in the (5,210 feet), Skylight (4,920 feet), Haystack (4,918

and one of the most important highways of commerce in the world, is the mighty Husbon, which rises in Tako Tear-of-the-Goods in the county) and flows in Lower Year-of-the-Goods in the county) and flows into New York Bay, ower so miles from its source, with a navigable length of year miles. From its source to its mouth the year which city and the headwaters are many picture-saum falls, of which Gies Falls (6s feet), between which city and the headwaters are many picture-saum falls, of which Gies Falls (6s feet), between thick of the year of years year of the and cuts Its way through the Adrionadace in a netternous googs at Little Falls. On the West Lands Creek, which rises in the Adrionadace has a netternous proper at Little Falls. On the West Lands Creek, which rises in the Adrionadace has a netternous proper at Little Falls. On the West Lands Creek, which rises in the Adrionadace has a netternous proper at Little Falls. On the West Lands Creek, which rises in the Adrionadace has a netternous proper years and years

ing the Falls of the Genese at Rochester (wo focal) in Mouros County, and as Portage (three day) in Mouros County, and as Portage (three feels of Tieonderope, an outlet of Like George in Reser County; English (Historia and County, the last named (Ruchanic) fall being so feet higher than Ningara, and one of the most property of the County, the last named (Ruchanic) fall being so feet higher than Ningara, and one of the most many county, the last named (Ruchanic) fall being so feet higher than Ningara, and one of the most man the countries and formation of the County, are ravines near the countries and valerfalls that are crossical Change, in the northeastern Aditondack Clinton County), where the Ausable river cuts hitch and less than 40 feet wide, with the Richbon and Horsenber Pulls at the lend of the Australia Change of the Richbon and Horsenber Pulls at the lend of the Australia Change of the Richbon and Horsenber Pulls at the lend of the Australia Change of the Richbon and Horsenber Pulls at the lend of the Australia Change of the Richbon and Horsenber Pulls and formate a boundary with Punnsylvania, and the two branches of the Nonpolemens rise in the too Chesapaches Bay. The western boundary of the State, between Lakes Eric and Ontario, is for Chesapaches Bay. The western boundary of the State, between Lakes Eric and Ontario, is for the State, between Lakes Eric and Ontario, is formation of the State, between Lakes Eric and Ontario, is formation of the State, between Lakes Eric and Ontario, is formation of the State, between Lakes Eric and Ontario, is formation of the State, between Lakes Eric and Ontario, is formation of the State Change of the State Cha

Lakes in the State, and Large areas of Lakes Eric and Ontario and of Lake Champhain see Eric and Ontario and of Lake Champhain see Eric and Ontario and of Lake Champhain see area of Lakes Eric and Ontario and of Lake Champhain see area of nose square miles (Logo, within the State), and Lake Ontario an area of 5 per square nines (Logo, within the State), and Lake Ontario an area of 5 per square nines (Logo, within the State are Lake Logony (Lymills long), but yet like the State), and Canada. Existingly within the State are Lake Logony (Lymills long), but yet like 10 per Lake, as called on account of their elongated Lake, and Canada. Existingly and Orien Annual Market (Lymy), Decade on account of their elongated Henicot, Honcoye, Canadakira, Keuks, Senzes, Cayung, Orseano, Stanzatolas, and Otikos, the Cayung, Orseano, Stanzatolas, and Warren Counties. Cont. Line. — The Atlantic constitute of the Cayung, Orseano, Stanzatolas, and Warren Counties. Cont. Line. — The Atlantic count line is of the protection of the Cayung, Orseano, and Warren Counties. Cont. Line. — The Atlantic count line is of the Cayung, Orseano, and Warren Counties. Cont. Line. — The Atlantic counties in the Cayung, Orseano, and Warren Counties. Cont. Line. — The Cayung, Orseano, and Warren Counties. Cont. Line. — The Atlantic counties in the Cayung, Orseano, and Warren Counties. — The Atlantic counties in the Cayung, Orseano, and Warren Counties. — The Atlantic counties in the Cayung, Orseano, and Warren

Climate.—There are extremes of cold and heat, but the climate is healthy and invigorating, and in the mountains and along the Atlantic coast are innumerable health resorts. The mean January temperature at New York City is 30 %, and at Albany x2 F, i and the July means are 2F and x2 F, i and x2 F, i and x2 F. The control of the control

-6° F. at New York, and ro4° F. and -24° F. at Albany. The annual precipitation is from 40 to 45 inches.

The name of the Dutch settlement of New Netherland was changed to New York in 1664. until the War of Independence, in which the Lakes and the Hudson, culminating in the sur-Lakes and the Hudson, culminating in the sur-render of Burgoyne at Suratoga (17 Oct., 1777). New York entered the Union as one of the Thirteen Original States, the first constitution of 1777 being superseded by those of 1251, 1266, and 1894, under the last of which the executive elected by the people for two years. A revision on and Nov., 1915.

The State Legislature consists of a Senate of sa

There is a Court of Appeals, with a Chief Judge, five Associate Judges, elected for 14 years (with temporary additions to fill vacancies), and a Supreme Court of 97 Justices (elected for 14 years), distributed among 9 judicial districts, of whom 22 form Appellate Divisions, one division

The National Guard consisted, in 1915, of 1,002 officers and 15,607 enlisted men. The Naval Militia has a total of 1,425 officers and men. The Military Academy of the U.S. is at West

In 1913 the public school population was 208,726, the enrolment 1,485,706, and the 2,208,726, the enrolment 1,485,706, and the average daily attendance 1,182,656, the total expenditure being \$6z,04z,076. There are ten normal schools for the training of teachers in public schools. The State controls also professional and technical colleges, and is repre-sented on the governing body of Cornell University, founded at Ithaca in 1868. The emversey, founded at itanca in 1868. The-principal institutions for higher education are Columbia University, New York City, founded in 1754 (5,118 students in 1974). Cornell University (5,025 students). New York University (5,048), and Syracuse University (5,674), in addition to which there are many others of the first

The revenue for the fiscal year ended 30 Sept., 1915, available for appropriations, plus the adjusted surplus of the preceding year, was \$54,881,334 (1914, \$57,983,444), and the expenditure, \$47,899,537 (1914, \$59,455,690), the balance on hand on 1 Oct., 1915, being \$4,981,796 (1914, \$8,517,733). The funded debt of the State \$8,517,733. In Hunded dept of the Natice (which, except for war purposes, can only be incurred for some single work or object) was \$159,350,650 on 30 Sept., 1914 (\$135,325,550 on 30 Sept., 1914), 1914, 19

Agriculture. - In 1910 there were 215,597 farms. with a total area of 22,030,367 acres, of which 14.844,030 were improved. The land was valued at \$707,747,828, buildings at \$476,998,00x, implements and machinery at \$83,644,822, and live ments and machinery at \$83,644,822, and his stock at \$183,000,844, a total for all farm property of \$1,451,481,485. The principal crops are oats (40,162,000 bushels) in 1914), corn (22,550,000 bushels), wheat (6,200,000 bushels), buckwheat (6,302,000 bushels), and potatoes (53,225,000 bushels). Over 5,950,000 lb. of tobacco were grown in 1914. On 1 Jan., 1915, the Live Stock on farms included 615,000 horses, 4,000 mules, 1,509,000 milch cows, 894,000 other nest cattle, 849,000 sheep, and 768,000 swine

Fisheries.-In 1908 there were 6,775 persons employed in the fisheries, with 643 vessels valued at \$-.749.951, the value of the products being \$4.503.702. The principal food fish are bluefish, squetague, flounders, eels, cod, scup, and shad. The fisheries of the Great Lakes and of the rivers

1013 Was \$41,504,052 (from ore \$3,100,235, stone \$7,185,493, clay products \$11,469,476, cement \$4,918,119, petroleum \$2,169,357, natural gas \$2,425,633), in addition to pig iron output valued

Manufactures.—In 1909 there were 44,935 establishments, employing 1,203,241 persons, with primary horse-power 1,997,662, capital \$2,779,497,000, and value of products \$3,369,490,000, of which \$1,512,586,000 was added \$256,075,000, printing and publishing \$216,946,000, slaughtering and meat packing \$127,130,000, bread and bakery products \$36,233,000, mait liquors \$77,720,000, tobacco \$76,662,000, lumber inducts \$77,720,000, touscob \$70,003,000, induced and timber \$72,530,000, flour and grist mills \$62,803,000, hosiery and knit goods \$67,120,000, millinery and lace \$52,105,000, electrical machinery, apparatus and supplies \$49,20,000, paper and wood puip \$48,850,000, butter, these and condensed milk \$42,197,000, men's furnishing goods furniture and refrigerators \$41,929,000, fur and felt \$41,301,000, iron and steel and steel works and rolling mills \$30,532,000, blast furnaces \$38,452,000, patent \$30,523,000, Diast Hirinaces \$33,452,000, paceur medicines \$37,343,000, chemicals \$35,346,000, musical instruments \$33,680,000, automobiles \$30,980,000, paint and varnish \$28,559,000, leather \$37,642,000, iiii. \$26,559,000, carpets and rugs \$25,500,000, and confectionery \$25,540,000.

York City, with a total of \$2,029,692,600, which Buffalo \$218,804,000, Rochester \$112,676,000 Yonkers \$59,334,000, Syracuse \$49,435,000, Schenectady \$38,165,000, Troy \$37,980,000, Utloa \$33,199,000, Miagara Falls \$86,652,000, Albany \$22,826,000, and Amsterdam \$22,449,000.

In 1915 there were 8,511'38 miles of railroad within the State, excluding extra tracks, sidings, yard tracksge, etc., and g,oor of miles of electric railway track. There are 637 miles of canals (including 36s miles of the Eric Canal, which

CAPITAL.

ARBATY, the capital of the State, on the west bank of the Hudson (at the junction of the Eric and Champilain canals with the river), was settled early in the seventeenth -century and became the State capital in 1997. The capitol was creeted from the design of Thomas Fuller at the cost of about \$25,000,000 and a further \$2,000,000 was expected in 1911 and 1918 for

Name Vone Cray

five boroughs of Manhattan, the Bronx, Rich-New York in 1664, after the English occupation, and the city receiving its first charter in 1686. miles), the greatest length from north to south mag rules, and the greatest whith from east to west is 19 miles. The population at the census of 1910 was 4,766,883 (Manhattan 2,31,542, Bronx, 430,686, Brooklyn r.634,351, Queens 284,047, and Richmond 85,969), or with Westchester and New lons eity in the world. "According to the State Cenns of yaps, the population of the city in June of that year was 5,066,zz=-a gain of 299,339 since 1910. The population of the few obcompiles in 1915 was: Manhattan, 1,43,05 (a 100 to 58,46); Procklyn, 1,500 a,394 (a gain of 168,54); Procklyn, 1,500 a,394 (a gain of 168,54); Orneith, 39,65; (a gain of 12,450); Richmond, 26,654 (a gain of 12,193). The growth of the process of the second of the control of Mathatau Bidge 6, Sag feet long and Williams Burg Bridge (7, 206 feet long) are among the longest suspension bridges in the world. Cental Park (8, 20 acres), constructed at the world. Cental Park (8, 20 acres), constructed at the second park of the second park re Prospect Park (526 acres) and Forest Park

INCORPORATED PLACES. At the census of 1910 there were 76 incorporated places with populations exceeding 5,000:—

100.252 | Mount Vernon 30.919

Albion	5,016	Newark	6,22
Amsterdam	31,267	Newburgh	27,80
Auburn	34,668	New Rochelle	28,86
Batavia	11,613	New York4,	
Binghampton	48,443	Niagara Falls	30,44
Buffalo	423.715	North Tarry-	
Canadaigua	7,217	town	5,42
Catskill	5,296	North	
Cohoes	24,709	Tonawanda	11,95
Corning	13,730	Norwich	7:42
Cortland	11,504	Ogdensburg	15,93
Dunkirk	17,221	Olean	14,74
Elmira	37,176	Oneida	8,31
Fredenia	5,285	Oneonta	9,49
Fulton	10,480	Ossining	11,48
Geneva	12,446	Oswego	23,36
Glens Falls	15,243	Peekskill	15,24
Gloversville		Plattsburg	11,13
Haverstraw	5,669	Port Chester	12,80
Herkimer	7:520	Port Jervis	9,56
Hoosick Falls	5.532	Poughkeepsie	27,93
Hornell	13,617	Rensselaer	10,71
Hudson	11,417	Rochester	218,14
Hudson Falls	5,189	Rome	20,49
Hion	6,588	Salamanca	5,79
Ithaca		, Saratoga Spring	8 12,69
Jamestown		Schenectady	72,82
Johnstown		Seneca Falls	6,58
Kingston		Solvay	5,13
Lackawanna		Syracuse	137,24
Little Falls		Tarrytown	5,60
Lockport:		Tonawanda	8,20
Malone		Troy	76,8:
Mamaroneck		Utica	74,4
Matteawan		Watertown	26,7
Mechanicsville	6,634	Watervliet	15,0
Medina	_ 5,683	White Plains	15,94

NORTH CAROLINA.

(One of the Thirteen Original States.)

AREA, 52,425 square miles. CAPITAL, Raleigh. CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Per sq. mile.
1870	678,470	301,650	1,071,361	22.0
1880	867,242	531,277	1,399,750	28.7
1890	1,055,382	561,018	1,617,949	33.2
1900	1,263,603	624,469	1,893,810	38.9
1910	1,590,511	697,843	2,206,287	45.3

In 1910 the Indian population was 7,851. The urban population numbered 318,474, and the rural population 1,889,513; the males numbered 1,093,475, and the females 1,107,811. The principal religious denominations are the Baptists and Methodists.

* This claim is disputed by London, England, buthere is no foundation for London's pre-eminence, as the population of the area poverned by the London Country of the London London is as 4.51,685 in 1911, and of the Mctropolitan and City Police Districts 7.55,285. Further, the population of London in 1911 was less than in 1901, while New Yor.



North Carolina ("Old North State") is a South Atlantic State, bounded on the N. by Virginia the W. by Tennessee. The total area is 52,426 square miles (48,740 land, and 3,686 water), the greatest length from N. to S. is 200 miles, and the greatest breadth from E. to W. is 520 miles. The State lies between 33° 51′ 37″-36° 35′ N. latitude, and between 75° 27′-84° 20′ W. longi-

Relief .- The eastern half of the State is part anout 20,000 square mires part of use Fredmont Plateau, with an unward slope from east (Pall Line) to west (Blue Ridge). Western North Carolina (6,000 square mires, between Georgia and Tennessee), known as the "Land of the Sky," has an average altitude of 2,000 feet, and extends tains, with many mountain ranges (Black, Balsam, Pisgah, Cowee, and Nantahala). This in the State, other peaks being Clingman Dome (6,660 feet), Mount Buckley (6,599 feet), Mount Love (6,443 feet), and the Grandfather (5,964 feet). The ranges are densely wooded, and contain some of the finest scenery in the world.

Hydrography.—The principal rivers (from E. to W.) are the Roanoke, which rises in the west, mountains of the N.W. and now southwards to S. Caroline; and the Hiwassee, Little Temessee and French Broad, which rise west of the Blue Ridge and flow northwards into Tennessee. There are several lakes in the Coastal Pisin region, the largest being Lake Mattamuskeet

Climate.-There is considerable variety in the

Doclaration of Independence, and the State ratified the Constitution of the United States, 22 Nov., 1789. Under the State Constitution of the United States, 22 Nov., 1789. Under the State Constitution of 1876 (which superseded that of 18 Dec., 1776) the

Governor is elected by popular vote for 4 years, and there is an elected Council of State.

THE LEGISLATURE. The General Assembly consists of a Senate of

50 members, and of a House of 120 Representa-tives, elected biennially. The salary of members of the Legislature is \$4 per diem.

The organized militia consisted in rors of arr officers and 2.800 enlisted men.

Receipts for the year ended 31 Dec., 1914, were \$5,150,107 and expenditures were \$4,980,305. The balance in the Treasury on 1 Jan., 1915, was \$169.802. The funded debt is \$8,673,000.

In 1913 the school population was 741,730, the enrolment being 599,647, the average daily attendance 408,464, the expenditure for schools \$4,067,793. There are 263 high schools with 7.873 secondary pupils, and 5 public normal schools, with 1.385 students. The principal institutions for higher education are the University of North Carolina, founded at Chapel Hill, Orange County, in 1789, with 891 students in 1914, and the Agricultural and Mechanical College, founded at West Raleigh in 1889. There

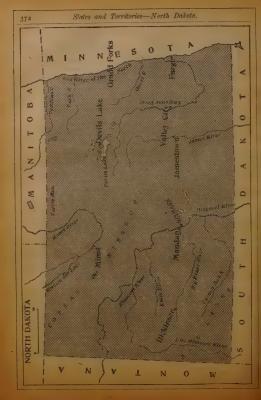
PRODUCTION AND INDUSTRY.

Agriculture and Live Stock.—In 1910 there were 252,725 farms, with a total area of 224,39,129 acres, of which 8,813,056 were improved. The land was valued at \$343,164,945, buildings at \$113,459,662, implements and machinery at \$18,441,619, and live stock at \$62,649,984, corn crop in 1914 was 57,550,000 buildles. In 1914 the cotton production was 925,000 bales (193,000 bales in 1913). On Jan, 1915, there were on farms 182,000 horses, 194,000 mules, 315,000 milch cows, 369,000 other neat cattle, 177,000 sheep, and 1,525,000 swine.

Minerals.-The total value of minerals won in 1913 was \$3,739,696, in 1912, \$3,361,923, including clay products (\$1,614,406), mica, gold, mineral waters, emeralds, amethysts, and other minor

Manufactures.—In 1909 there were 4,93x establishments with 133,453 persons engaged in industry, the capital being \$\frac{2}{3}\text{,ed}\$ cop, and value of products \$\frac{2}{3}\text{,ed}\$ (5\text{,ed}\$,co, of which \$\frac{2}{3}\text{,ed}\$, yes, cow was added by manufacture. The principal industries are cutton goods (\$\frac{2}{3}\text{,ed}\$0,000), tobacco \$35,087,000), and lumber and timber (\$33,525,000), (\$2,3,52,000), and number and timber (\$33,35,5000). The chief centers being Durham (\$32,371,500) Winston (\$16,776,000), Charlotte (\$10,460,000), Asheville (\$3,250,000), Wilmington (\$3,005,000) Raleigh (\$2,376,000), and Greensboro (\$2,032,000)

In 1913 there were 5.85 miles/of railroad within the State and 25 miles of electric road. The Central Highway watern boundary of the State, has been completed. Wilmington in the principal harbor, and cotton to the value of \$50,000,000 is thipped there annually for European ports. There is a large coasting



trade, and the Roanoke is navigable to Weldon, the Cape Fear to Fayetteville, and the Neuse to

RALEIGH, the capital of the State and the seat House) in 1788, and was named after Sir Walter Raleigh in 1792, to be incorporated as a city in 1795. The Capitol, rebuilt in 1840, stands in a

populations exceeding 5,	000:
RALEIGH19,218	High Point 9.523
Asheville18,96a	Kinston 6,995
Charlotte30,014	Newbern 9,96
Concord 8,715	Rocky Mount 8,05
Durham18,241	Salem 5,53
Elizabeth City 8,412	Washington 6,2x
Fayetteville 7,045	Wilmington 25,74
Gastonia 5.759	Wilson 6.71
Goldsboro 6,107	Winston17.16
Choonahono Con	

NORTH DAKOTA.

(Admitted to the Union az Feb., 1830.)

-CENSUS POPULATION, 1870-1910.

Year.	White.	Nagro.	Total.	Per sq. mile
1870 1880 1890 1900	12,887 133,147 182,407 311,712 569,855	94 401 373 286 617	14,181 135,177 190,983 319,146 577,056	0'2 1'7 2'7 4'5

In 1910 the Indians numbered 6.486. lation 513,820; the males numbered 315,554, and the females 259,502. The principal religious denominations are Roman Catholics and

North Dakota ("Flickertail State") is West North Central State, bounded on the N. by the Canadian provinces of Saskatchewan and Manitoba, on the S. by South Dakota, on the E. by manutons, on the s. pysouth Dakots, on the E. by the Red River of the North, which separates the State from Minnesota, and on the W. by Mon-lana. The Iotal area is p. 227 square miles from Be. to W. is see miles, and the greatest four Be. to W. is see miles, and the greatest ingth from N. to S. 200 miles. The State lies between 45° 55′-40° N. latitude and between 45° 55′-50° N. latitude and between

Hydrography.-The Red River of the North, which rises in Pine Lake, Minn., and flows into Lake Winnipeg, 700 miles from its source, forms

Climate.—There are great extremes of temperature, the summers being short and hot, and the winters sovere. The highest temperature is rep*F. and the lowest -42°F, the mean January temperature being 7°F, and the mean January temperature being 7°F, and the mean January temperature being 7°F, and the mean January temperature being 7°F. The annual precipitation is as inches at Bismarck, and 15 inches at Williston.

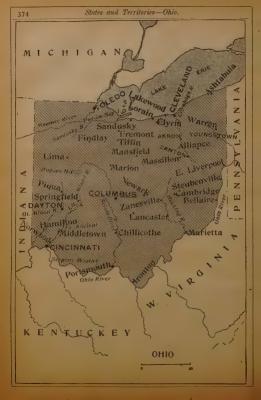
North Dakota formed part of the Louisiana Purchase of 1803, and for many years was In 1851 the Territory of Dakota was created, and in 1889 the Territory was divided, and North Dakota was admitted to the Union as a sovereign State on az Feb., 1889. Under the constitution of 1889 (as subsequently amended) the executive

There is a Senate of so members and a House of III Representatives, elected by the people for two years, the sessional indempity of members being \$5 per diem.

The organized militia consisted in 1915 of 56

A semantic is companied between the ages of 8 and 15, the school population in 1913 being 185,963, the enrolment 148,344, and the average daily attendance 94,060; the expenditions was \$5,89,577. There is State University and Sohool of Mines at Grand Forks, a State College of Agriculturest Fargo, and a normal and industrial

The receipts for the year ended 30 June, 1914.



Agriculture and Line Stock.—In 1910 there were 74,360 farms, with a total area of 28,426,650 acres, of which 20,455,092 were improved. The acres, of which 20,435,092 were improved. The isnd was valued at 5753,950.213, buildings at \$92,276.63, implements and machinery at \$43,997,955, and live stock at \$708,49,806, a total for all farm property of \$974,814,205, and an increase of \$779,547,44 since 2900. The Live increase of \$719.547.454 since 1900. The Live Stock on r Jan., 1915, included 785,000 horses, 8,000 mules, 339,000 milch cows, 515,000 other principal crops are wheat (81,502,000 bushels in

principal trops are when or originates in sparit, own r, 4,000,000 bushels; oats, 64,04,000 bushels; barley, 28,275 bushels.

Minerals.—The total value of all finiterals won in 1913 was \$1,056,676, including coal (\$750,652).

clay products (\$262,580).

Manufactures .- In 1902 there were 752 establishments, employing 4,748 persons, with capital \$71,585,000, and value of products \$19,137,000, of which \$5,463,000 was added by manufacture. Flour and grist milling (\$11,685,000) is the largest Grand Forks (\$2,000,000).

The railroad mileage in raps was 5,023, the Northern Pacific crossing the Missouri at Bismarek, and the Great Northern; Northern Pacific; Minneapolis, St. Paul and Sauli Ste Matra; Chicago, Milwankes and St. Paul; and the Chicago and Northerstern, have main and the Chicago and Northerstern, have main and malleage was a; The Bed River is inavigable to Pargo, and the Missouri throughout its course in the State.

INCORPORATED PLACES.

BISMARCK, the capital of the State, is studeted in Burleigh County, on the E. bank of the Missouri river. The city was founded in 1873, was chartered in 1876, and from 1893 to 1889, was the capital of Dakota Territory. The river is 400 yards wide, and is crossed by a fine steel and fron truss bridge, with 3 main spans of 400 feet

BISMARCK 5,443 Grand Forks12,478

(Admitted to the Union ro Feb., 1802) AREA, 41,040 square miles. CAPITAL, Columbus.

Year.	White.	Negro.	Total.	Per sq.
1870 1880 1890 1900 1910	2,601,946 3,117,920 3,584,805 4,060,204 4,654,897	63,213 79,900 87,113 96,901 111,452	2,665,260 3,198,062 3,672,329 4,157,545 4,767,121	65.4 78.2 90.1 103.1

numbered z,434,758 and the females z,33z,363. The principal religious denominations are the Roman Catholics, Methodists, Presbyterians.

Ohlo ("Buckeye State") is an East North Central Station, bounded on the N. by Michigan and Lake Erle, on the S. by the Ohlo river (which separates the State from West Virginia and Kentucky), on the E. by Pennsylvania and the Virginia), and on the W. by Iudiana. The total area is 41,040 square miles (40,740 land and 300 water) exclusive of 3,443 equare miles (45,740 initial and 300 water) exclusive of 3,443 equare miles on Lake Erie, but inclusive of North, Middle and South Bass, Put-in-Bay, Kelleys, and smaller islands, to the N.W. of which is the scene of Perrys victory over the Anglo-Canadian Fleet, on vicusly over the Anglo-Canadian Fleet, on zo Sept., 1823. The greatest breadth from B. to W. is 250 miles, and the greatest length from N. to S. is 205 miles. The State lies between 28° 27′ x 1 satisfied and between 80° 34′—84° 49′ W. longitude.

Relief .- The average elevation of the State is 850 feet above mean sea-level, the highest point being 1,540 feet (Hogues Hill) in Logan County,

Hydrography.—The Ohio* forms a southern and southeastern boundary for 426 miles, the principal tributaries being the Great Mianti, Little Miami, Sciote, Hocking, Muskingum, and Mahoning. On the right bank of the Little Mianti, in Warren County, is Port Ancient, with

* THE OHIO RIVER.

The Ohlo River is formed by the junction of the Allagheny and Monongahela at Pittaburg, Pa. many and Monongahela at Pittaburg, Pa. may be the property of the Mississippi at Oatro, Ill., between the State of Ohlo, Indiana and Illinois, on the north, and West Virginia and Kentucky on the south. The principal tributaries are the Termesses (a.son miles), Cumberland (do miles).

Climate.-There are creat extremes of temperature, the highest (July) reading being ros F. at Cincinnati, and the lowest (January) -20 F. at Clumbus, with January and July mean readings of 32° and 36°F. at Cincinnati, 29° and 25°F. at Columbus and 26°F at Cincinnati, 29° and The mean annual precipitation for the whole State is about as inches.

Ohio formed part of the North West Territory from 1787-1803, and was admitted to the Union as a sovereign State on 19 Feb., 1803. Under the constitution of 18sr (with subsequent amend-

by posular vote for two years.

There is a Supreme Court of 8 judges, 8 Circuit

There is a Senate of 34 members, and a House being Sr.ooo.

The organized militia consisted in 1914 of 487 officers and 5,300 enlisted men. The navai militia consisted of 18 officers and 220 enlisted men.

In 1913 the school population was 1,173,766, the enrolment being \$70,612, and the average daily attendance 683,900. The school expenditure was \$31,335,664. There are 5 public normal schools with 705 students. The chief State institations for higher education are the state University, founded at Columbus in 1873, with 3,892 students in 1913-14; (blio University, founded at Athens in 1809, with 1,273 students in 1914, and Minni University, founded at Oxford (Butler County) in 1829, with 638 students in 1914. The City of Chicinnati's controls the Cincinnati University (2,04x students) and other large institutions are Oberlin College (founded in 1833). 1844), and Western Reserve University (founded at Cleveland in 1826). There are also many other

The receipts for the year ended 15 Nov., 1914. were \$20,544,539 and the expenditure \$18,345,251. the balance on hand, 15 Nov., 1913, being \$7,734,955. There is no State debt, the only obligation being an irreducible amount due to Ohio University and Ohio State University in

Agriculture and Live Stock—In 1910 there were 272,045 farms, with a total area of 24,105,708 acres, of which 19,222,956 were improved. The land was valued at \$1,285,854,812, buildings at \$16,257,554, implements and machinery at \$5,63,257,554 implements and machinery at \$5,220,721, and live stock at \$157,323,212. The \$51,210,071, and live stock at \$197.332,112. \$5,20,072, and HVS 8006 at \$197,33,112. He principal crops are corn, 46,35,000 bushels in 5012, 447,75,000 bushels in 1912, 447,75,000 bushels in 1914, 500,000 bushels in 010,000 horses, 24,000 mules, 895,000 milch cows, 838,000 other neat cattle, 3,263,000 sheep, and

won in 1913 was Sizi,690,661, and pig iron to the value of \$103.824.517 was also produced. The chief minerals are clay products (\$38,388,206), coal (\$39.948.058), natural gas (\$10,416.699), and petroleum (\$17.538,452).

Manufactures .- In 1909 there were 15,138 estab-Manufactures.—In 1905 there were 15,136 estab-lishments, employing 52,004 persons, with capital \$1,300,733,000, and value of products \$1,437,636,000, of which \$613,734,000 was added by manufacture. The chief industries are iron and steel works and rolling mills \$197,780,000, iron and steel blast furnaces \$83,690,000, foundry and machine shop products \$145,837,000, slaughtering and meat packing \$50,804,000, flour and grist mills \$48.093,000, automobiles \$38.830,000, lumber and timber \$34.597,000, boots and shoes \$31,551,000, tobacco \$28,907,000 car construction and repairs \$28,690,000, malt liquors \$25,332,000, men's clothing \$24,869,000 women's clothing \$19,493,000, carriages and wagons \$21,949,000, pottery, etc. \$21,173,000, and six other industries above \$15,000,000. The principal industrial centers are tievenand sprincipal concentrations of the concentration 528,582,000. \$21,187,000, Springfield S19,246,000.

In 1913 there were 9,117 miles of railroad within the State, and 4,154 miles of electric road. The great means of transportation are the Ohio river, on the S. and S.E. border, and Lake Erie on the N. border. The chief river ports are Cincinnati, Columbus and Dayton, and the principal harbors on Lake Erie are Cleve-

COLUMBUS, on the E. bank of the Scioto river, at the junction with the Olentangy, was founded in 1797, and became the capital of the State in 1803, to be incorporated as a city in 1834. CLEVE-LAND, the largest city in the State (and the sixth in the U.S.), was founded in 1956, on the S. shore of Lake Erie, and at the mouth of the Cuyaloga river (which is spanned by three viathe Ohio, was founded in 1788, and was chartered as a city in 1810. At the census of rore there

were 82 incorporated 1	places with population
exceeding 5,000 :-	
Columbus181,511	Cincinnati363,50
Akron 69,057	Circleville 6,74
Alliance 15,083	Cleveland560,65
Ashland 6,795	Conneaut 8,3x
Ashtabula 18,266	Coshocton 9,60
Atheus 5,463	Dayton116,57
Barberton 9,410	Defiance 7:32
Bellaire 12.046	Delaware 9,07
Bellefontains 8,238	Delphos 5,03
Bellevue 5,209	East Cleveland 9,x3
Bowling Green 5,222	East Liverpool 20,38
Bucyrus 8,122	Elyria 14,82
Cambridge 11,327	Findlay 14,85
Camal Dover 6,6sz	Fostoria 9,59
Canton 50,217	Fremont 9,93

Jalliporis	5,560	Piqua	13.38
Freenville	6,237	Portsmouth	23,48
Hamilton	35,270	Ravenna	
(ronton	3,147	St. Bernard	5,00
Jackson	5,468	St. Mary's	- 5,73
Kenton	7,185	Salem	8,94
Lakewood 1	15,181	Sandusky	19,98
	13,003	Sidney	6,60
	30,508	Springfield	46,92
Lorain	28,883	Steubenvillé	22,30
Madisonville	5,193	Tiffin	11,80
Mansfield:	20,768	Toledo	168,49
Marietta:	12,023	Troy	6,12
	18,232	Urbana	
Martin's Ferry .	9,133	Van Wert	7,15
Massillon:	13,879	Wapakoneta	5,34
Middletown:	13,152	Warren	11,08
Mount Vernon	9,087	Washington	
Nelsonville	6,08z	Court House	
Newark ::::::::::::::::::::::::::::::::::	25,404	Wellston	
Newburgh	5,813	Wellsville	
New Philadelphia	8,542	Wooster	
Niles	8,361	Xenia	8,70
Norwalk	7,858	Youngstown	79,00
	16,185	Zanesville	28,02
Painesville	5,501		

OKLAHOMA.

(Admitted to the Union 16 Nov., 1907.)

AREA, 70,057 square miles. CAPITAL, Okla-

CENSUS POPULATION, 1800-1010.

Year.	White.	Negro.	. Total	mile.
1890	{ x1,008 x61,546	2,973 18,636	. 78,475 }	2.0
1900	{ 314,997 355,207	18,831. 36,853	398,33x }	10.3
1010	z,444,531	137,612	1,657,155	23'9

In 1910 the Indian population was 74,825. The m 1970 we iminan population was 74,825. In euroan population was 320,155, and the rural population 1,337,000; the males numbered 821,578, and the femiles 775,577. The principal religious denominations are the Methodists,

remains, aure on use w, by New Mexico and Tevas. The total area is 9,055 square miles (69,44 land and 642 water), the greatest breadth from E. to W. is 95 miles, and the greatest length from N. to S. is are miles. The State lies between 33 '25'-37' N. latitude, and between 64' 35'-33' W. longitude.

Panhandle (Cimarron, Texas and Reaver) formerly known as "No Man's Land," consist of a lofty tableland, and contain the highest point in the State (4,750 feet). The Arbuckle Mountains, in the south center, rise to 1,350 feet above sealevel, and to the northwest are the Wichia. Mountains, with rugged peaks 1,500 feet above the surrounding plains. In the west are the Chautauqua Mountains, generally of less eleva-tion than the Wichita range, while the eastern tion than the Wienta range, while the caseing counties are rugged and forest-clad; but the State consists, for the most part, of rolling prairies of great fertility, except for the Big Salt Plain and the Little Salt Plain of Harper, Wood-

ward and Woods Counties, the Salt Creek Plain of Blaine County, and the Salt Fork Plain of Alfalfa County. Near Sulphur (Murray County) is the Platt National Park (850 acres). Hydrography. - The Arkansas river crosses

the northern boundary from Kansas in Kay County, and flows S.E. to the center of the E. The Arkansas has a total length of 2,170 miles Mississippi, only 300 miles being within Okla-homa. The Red River forms the southern boundary in a winding course of about 500 miles (out of a total length of roo miles), with tributaries in the North Fork, Washita and

ally cooler than the remainder of the State. ally cooler than the remainder of the State. The mean January reading at Oklahoma is 35° F., and July 80° F., with extremes of 17° F. and 108° F. The mean annual precipitation for the whole State is 31°7 inches.

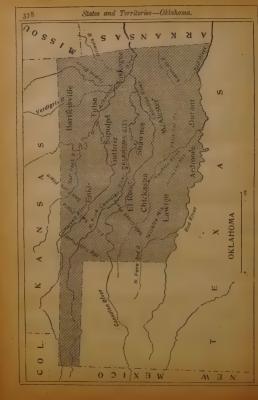
Congress allocated the territory now known as the State of Oklahoma in 1834 as a reservation for the five nations (Cherokees, Creeks, Seminoles, Choctaws and Chickasaws). In 1850 was organized as Okianoma Territory, and the S.E. portion as Indian Territory. In 1906 both Territories qualified for admission as one State. Under the constitution of 1907 the chief execu-tive officers are elected by popular vote for

There is a Supreme Court of six Justices. elected for 6 years, a Criminal Court of Appeals, and District and County Courts.

There is a Senate of 44 members, elected for 4 years and renewable as to one half biennially, and a House of 100 Representatives, for 2 years.

The organized militia consisted in 1915 of 60 officers and 1,025 enlisted men.

In 1913 there were 594,812 children of school In 1913 there were 594,812 children of school age, the enrolment being 469,809, and the average daily attendance 284,136. The expenditure was \$8,047,568. There are 6 normal schools, with 87 teachers and 2,482 secondary students. The



principal state institutions for higher education are the University of Oklahoma, founded at Norman in #5ps, with 12p professors and instructors, and 1,100 students in 12p-14; the Agricultural and Mechanical College, at Stillwater; the School of Mines, at Willwater of the College and the School of Mines, at Willwater and Normal University (for colored students), at Ampsion; and funder private control, Epworth University (Math. Epis.), at Guthrie, and Kingfisher College.

* FINANCE.

The receipts for the two years ended 20 Nov., sgra, were \$7,688.435, and the expenditures \$7,228,231, the balance in hand z Dec., 2912, being \$2,123,824. The funded debt of the State, on 30 Nov., 1912, was \$3,05,000.

PRODUCTION AND INDUSTRY

Agriculture and Live Stock—In 1970 there were 199, 198 farms, with a total gran of 8,89, 33; acres, of which 27,552,37 were improved. The faind was valued at \$54,90.66, brindings at \$59,00.66, brindings at \$50,00.66, brind

Minerals.—The total value of all minerals won in 1913 was \$80,168,820, in 1912 \$53,614,130, including petroleum (\$59,981,948), natural gas 7,426,380, and coal \$88,542,748.

Manufactures.— In 1909 there were 2,310 establishment, employing 58,694 persons, which capital \$38,672,000, and value of products from the capital \$38,672,000, and value of products another than the control of the capital products of the capital form of the capital

Pr A MODOD MARION

In 1913, there were 6,357 miles of railroad within the State. The electric road mileage was 247. River navigation is unimportant.

INCORPORATED PLACES.

OKLAHOMA CITY, On the N. Jork of the Caladam river, was founded in 1889, was chartered as a city in 1890, and became the capital of the State in 1913, in place of Guthrie. At the census of 1910 there were 14 incorporated places with populations exceeding 5,000:—

OKLAHOMA CITY 04,205
Ardmore 8,618
Bartlesville 6,181
Chickahsha10,320
Durant 5,330
El Reno 7,873
Enid13,799
Entre3,799

Guthile	
Lawton	7.788
McAlester	3.054
Muskogee	
Sapulpa	
Shawnee	2,474
Tulsa	8.182

OREGON.

(Admitted to the Union 14 Feb., 1859.)

AREA, 06.600 square miles, Capital, Salem.

CENSUS POPULATION, 1870-1910.

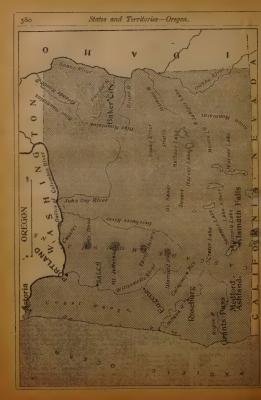
Year.	White.	Negro.	Total.	Per sq.mile.
1870 1880 1890 1900 1910	82,929 163,075 301,982 394,582 655,090	346 487 1,186 1,105 1,492	90,923 174,768 317,704 413,536 672,765	1.8 3.3 4.3 7.0

In 1910 the Chinese numbered 7,363, Indiaus 5,000 and Japanese 3,418. The urban population 385,705; the males numbered 384,255 and the females 88,500. The principal religious denominations are the Roman Catholics, Methedists, Baptists, Presbyterians, and Disciples.

POSTSTON AND EXPENT

Oregon ("Beaver State") is a Mountain State, bounded on the N, by the Columbia River and the 48th parallel of N, altitude (which divide the and Nevada, as the K, by I altitude (which divide the said Nevada, on the K, by I aldan (the greater part of the houndary being the Sanke river) and on the W, by the Partine Gesan. The coast line extends the About in parts by support the Coast Range. The total area of the State is 6,650 square miles (6,607 land and 1.09 water); the greatest breastlift from E. by K, by youlden and The State lies between 46'-46' 8' N. Istiltude and between 16' 3'-45' N. Istiltude and between 16' 3'-45' N. Istiltude and between 16' 3'-45' N. Istiltude

PHYSICAL FEATURES

Religi.—Farallel with the coast, at a distance of about so miles from the Facilie, in the Coast Range with its highest point in Buchre Peak and Range with its highest point in Buchre Peak about no miles from the sea, is the Cenzede Range, which contains in Mount Hood (17,225 feet) the highest point in the State, other pask about no miles from the sea, is the Cenzed Range, which contains in Mount Hood (17,225 feet) Peak. To the south of this range as westward spur, the Calipsonia Mountains, sketches to the Peak. To the south of this range as westward spur, the Calipsonia Mountains, sketches to the form the counter militor of the Orient Peans of the Commbie (which has a total area of agoon square miles in the States of Oregon, Washingham, and the Cartille regions in the U.S., and one of the most fertile regions in the U.S., and one of the most fertile regions in the U.S., and one of the castern part of the State is coupled by the Great Sandy Dezert, an arid tract of goon square miles, with soluted buttles and means whrough the castern part of the State is coupled by the Great Sandy Dezert, an arid tract of goon square miles, with soluted buttles and means whrough the castern part of the State is coupled by the Great Sandy Dezert, an arid tract of goon square miles, with soluted buttles and means whrough the castern part of the State is coupled by the Miles of the Cartilla Research in the State of the State is coupled by the Miles of the State is coupled by the Miles of the State is coupled by the Miles of the State is compared to the State is coupled by the Miles of the State is a second


Mountains and flows northwards for see niles tuto the Columbia, its valley occupying the 8st and to the Columbia, its valley occupying the 8st and 18st and

There are many extensive lakes, the largest being Malheur and Harmy (which together are about we miles long), and Juniper Manns, and miles long), showmer and Goose (party in Calfornia), in Lake County; and in Kianath County the leastfull Upper and Lower Kimansh Lakes, of miles long), lies in the pit of an extinct and prehistoric volonae (Mount Mannsh), at 6, and feet above the sea. The lake is a confect deep phily on the West County in the lake of the behavior of the county of the county of the short of the county of the county of the short of the county of the county of the short of the water, and the county of the short of the water of the county of the short of the county of the county of the county of the short of the county of

Climate.—The cilmate of the coastal region is humid and mid, and east of the mountain it is dry but his great variations in benomatically a few partial partia

The Oregon Territory, as first organized is

Washington and Idaho, with parts of Wyoming and Montans, and Oregon (under its present boundaries), was admitted to the Union as a sovereign State on 14 Feb., 1859. Under the constitution adopted in 1857 (with sthesquent amendments) the chief executive officers are elected by popular vote for four years.

The chief Judicial officers are elected by a

popular vote for six years.

There is a Senate of 30 members, elected for 4 years and renewable as to one half biennially, and a House of 60 Representatives, elected for z

DEFENSE

The organized militia consisted, in 1915, of 104 officers and 1,622 enlisted men. There were 14 officers and 228 men in the naval militia in 1914.

EDUCAT In 1913 the school popu

In 1923 the school population was 165.759, the munimism's being 145.686, the average distly encoding the large 145.686, and the principal State Institution Monomouth, and the principal State Institution Monomouth, and the principal State Institution State Institution and the Principal State Institution and Control of the Principal State Institution and Albary College at Eugenes, and the State Agricultural College at Pagesas, and the State Agricultural College Corvallia. Other Institutions are Albary College. College Monomouth State Institution and Albary College College (Deptice). Principal College (Principal An Newberr, Philomath College Oriends), at Newberr, Philomath College Oriends, at Newberr, Philomath College (Principal An Newberr, Philomath State Institution College (Principal An Newberr, Philomath College (Principal An Newberr, Philo

FINANCE

The receipts for the biennial period ended 30 Sept., 1914, were \$10,265,773, and the expenditures \$10,652,592. The balance on hand x Oct., 1914, was \$507,917. There is no State debt.

PRODUCTION AND INDUS

Agriculture and Live Nock-In put three were 4,550 farm, with a total area of 17.685, run area, of which any, 459 were improved. The \$54,580,500, implements and machinery at \$53,500,465, and live stock at \$59,500,600, at total 18.53,500,465, and live stock at \$59,500,600, at total 18.500, implements and machinery at \$53,500,600, at total 18.500, implements and 18.500, at total 18.500, implements and total 18.500, at total 18.500, and total 18.500, and total 18.500, at total 18.5

Minerita—The total value of all muerals won in spay awa \$8,369.99, including gold (£69,79,10), and slowe (\$357,498), and slowe (\$358,498), and slowed (\$35

TRANSPORTATION

In 1813 there were 2,774 miles of railroad within the State, and 25 miles of electric road. Too Columbia river is mavigable for ocean the 25 miles of the 25 m

INCORPORATED PLACES

SALBM, the capital of the State, is situated on the east bank of the Willamette river, in Marion County, and in the center of a fertile valley. The city was Founded in 1840, was chartered as a city in 1853, and became the capital of the State in 1860. PORTRANC (*Face City"), the largest city in the State, on both sides of the Williams of the State in 1860. The state of the Williams of the State in 1860. At the case of the Williams of the State in 1860. At the case of pape there were seven incorporated places with nounlations exceeding 5,000.

Ashland	5,020	Medford 8,84 PORTLAND207,214

PENNSYLVANIA.

(One of the Thirteen Original States.)

AREA, 45, 126 square miles. CAPITAL, Harrisburg.

CENSUS POPULATION, 1870-1910.

Year.	White,	Negro.	Total.	Per sq. mile.
1870	3,456,609	65,294	3,521,951	78.6
1880	4,197,016	85,535	4,282,891	95.5
1890	5,148,258	107,596	5,258,213	117.3
1900	6,141,664	156,845	6,302,115	140.6
1910	7,467,713	193,919	7,665,111	171.0

In 590 the urban population numbered 465,056, and the rural population 2,024,497, the inales numbered 2,497,295 and the females 1,372,995. The principal religious organization is the Roman Catholic Church, the chief Protestant denominations being the Methodists, Preshylerians, Baptist, and the Protestant Episcopal Church.

POSITION AND EXTENT

Pennsylvania ("Keystone State") is a Middle Atlantic State, bounded on the N. by Lake Eric (4e miles), and New York, on the S. by "Mason and Dixon's Line" (the northern limit of slavery before the war), which separates the State from the Western State of the Delaware, Briter (which separates the State from New York and New Jersey, the meeting of the boundaries being marked by Tri-States Rock), and on the W. by West Virginia and Olito. The total area is 4g., and square miles

(44,632 land, and 294 water), the greatest breadth from E. to W. is 300 miles, and the greatest length from N. to S. is 180 miles. The State lies between 39° 43° 26" -42° 16" N. latitude, and between 74° 40°-80° 31′ 36" W. longitude.

PHYSICAL FEATURES.

Reise'.—The mean elevation of the Sate is about 1,000 for those as level. In the south-east are the South Mountains, which consist of the Reading Prong (from New Jersey), with the Reading Prong (from New Jersey), with the Reading Prong (from New Jersey). The Reise of the Reading Prong (from New Jersey) with the Reading Prong with no hills above 600 feet. The center of the State is occupied by diagonal ridges and united State (The State In the Reading State (1994) and the Reading State (1994). The Reading State (1994) and Diron Line, in Adam's Country, 10 Gettigeburg, where the principal points in the se square miles on the Reading State (1994) and the Reading State (1994). The Reading State (1994) and t

Hydrography.—The principal rivers of Pennsylvania are the Susquelamma, the Allegheny and the Delaware. The Susquelamna rises in Lake, W., branch in the Allegany Mountains). The eastern branch flows southwards across the boundary in Sasquelamna County and loops to the Sasquelamna County and loops before turning south again across the border in Bradford County. Bellow Athens the Chemung

PRESIDENT LINCOLN'S GETTYSBURG ADDRESS. (19 Nov., 1863.)

Fourscore and seven years ago our fathers brought forth upon this Continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal.

testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met to dedicate a portion of it as the final resting-place of those who here gave their lives that that nation might live. It is altogether fitting and reverse that was a sound of the second of the

But in a larger tense we cannot dedicate, we cannot consecrate, we cannot hallow this ground. The brave men, living and dead, who struggled and of the state of t



oins the Susquebanas, which flows through the Lackwamnock dag nito the beautiful Feling of Flyoming, and very the Wyoming and Xusticoke Flyoming, and over the Wyoming and Xusticoke Flyoming, and the Suspan State of the Suspan State of Sus

Climate.—The central portions of the State-have great cuttemes of temperature, but the Atlantic and Lake Eric influence the climate of the southeast and northwest, while the elevated the southeast and northwest, while the clevetar of the southeast and northwest, while the clevetar of the southeast area of the southeast and northwest and the southeast and the southeast of the s

Commission

Pennsylvania was a proprietary province under charter to various nembers of the Society of Friends, notably William Penn, after stied very materially in the War of Independence, and the first Continental Congress met at Phildsdelphis in 1972. The Common-ratified the Constitution of the U.S. as one of the Thirteen Original States. Under the fourth of the Constitution of the U.S. as one of the Thirteen Original States. Under the fourth of the Congress and 1974, an

JUDICIARY.

The chief Judicial Officers are elected by popular vote, and serve for an years.

T.EGIST.A.

There is a Senate of 50 members, elected for 4 years, and renewable as to one half biennially,

and a House of 207 Representatives, elected for 2 years, the annual indemnity of members being

DEFENSE.

The organized militia consisted in 1915 of 762 officers and 10,266 enlisted men. The Naval militia consisted in 1914 of 12 officers and 180 enlisted men.

EDUCATION

In say the school population was zon-409, the enrolment in the public achools was 1,342,05, the average daily attendance being x,744,65, and the total expenditure for school purpose \$46,577,68. There are 689 public high normal schools with \$6,69 pupils. The principal State institution for higher education is Pennsylvanis State College, founded at State College. Center County, in 362, with a 50 professors and largest University in the Commonwealth is the non-sectarian University of Pennsylvanis, founded in 1742 at Philadelphia, with \$60 professors and the section of the

.....

The receipts of the Commonwealth for the fiscal year ended 30 Nov., 1914, were \$31,441,550, and the expenditures \$31,598,111, the balance on hand (1 Dec., 1914) being \$7,447,368. The amount of the debt (\$551,110) is exceeded by that of the sinking fund (\$321,732).

PRODUCTION AND INDUSTRY

Agriculture and Live Stock—In spor there were snaps, farm, with a total area of 15, 685, as acres, of which 12 673,519 were improved. The land was valued at \$594,689,75, implements and machinery at \$540,689,75, implements and machinery at \$540,689,75, implements and machinery at \$540,092,602, and live stocks to \$544,680,95, Pennsylvania is the most important agricultural State in the East. The principal crops in 1374 were: corn, 62,795,000 buthlels; wheat 32,794,000 buthlels; cats, 2309,000 buthlels; hay, 4,000,000 thindle; cats, 2309,000 buthlels; hay, 4,000,000

tons; (bbacco, 47,995,000 lb.

The Live Stock on farms on x Jan., x915, included
595,000 horses, 46,000 mules, 943,000 milch cows,
638,000 other neat cattle, 831,000 sheep, and
x186,000 swine.

Manufactures.—In 1900 there were 27,563 establishments employing f.occ,172 persons, with capital \$2,749.006,000, and value of products \$3,666,742,000, of which \$1,044,182,000 was added

5,426

5,374

dock II 824

ington 7 709

by manufacture. The chief Industries are iron and steel works, and rolling mills \$500,544,500, more than one half of the national total, foundry and the properties of the pro

TRINGRAPHIETAN

In part there were 11.98 miles of railroad within the Commonwealth and 5.07 miles of electric road. Philadelphia (on the Delaware.) Pittsburgh (on the Ohio), and Eric (on Lake Eric) are the principal harbors. The tomage of foreign shipping entered at Philadelphia in 1921-34 was shipping entered at Philadelphia in 1921-34 was foreign thath of the port in 1924-35 was: exports, 500.656.45; imports, 572.0754.

INCORPORATED PLACES.

HARRISHEND, the capital of the Commonwealth, is fluttated on the E. bank of the wealth, is fluttated on the E. bank of the wealth, is fluttated on the E. bank of the four bridges. The city was founded in 1985 and became the capital in 1882. The CAPTAL was rebuilt in 1895 at the cost of \$12,000,000. The largest of the U.S. is PHILADERHIA, situated on a plain between the Delaware and Schuylkill miles, and with 50 miles of water rout. The city was founded in 1865 by members of the Society of Friends under William Penn, and was founded in 1865 by members of the Society of Friends under William Penn, and was founded in 1865 by members of the Cocket of Friends under William Penn, and was founded in 1865 by members of the Society of Friends under William Penn, and was founded in 1865 by members of the Society of Friends under William Penn, and the Cocket of the Penn Penn 1865 by Penn

ies—Pennsy	lvania				
1910 there were 146 incorporated populations exceeding 5,000:					
77	4 06	Y-t			
HARRISBURG	04,100	Latrobe			
PHILADELPHIAN,	549,008	Larksville			
PITTSBURGH	533,905	Lebanon			
SCHANTON	120.867	Lehighton			
Allentown	£7.077	Lewistown			
Altoona	31,913	Lockhaven			
A11000BB	52,127	Тоскиялен			
Ambridge	5,205	Luzerne			
Archhald	7-104	McKeespor			
Ashland	6.8cc	McKees Ro			
Ashley	# 60F	Mahanoy C			
Beneva	5,001	Meadville			
Bangor Beaver Falls	5,309	Meaning			
Beaver Falls	12,191	Middletown			
Bellevue	6,323	Millvale Milton			
Berwick	5.257	Milton			
Bethlehem	TR 800	Milton Minersville			
Blakely	12,03/	Monessen			
Diskely	5,345	pronessen			
Bloomsburg	7,413	Monongahe Mount Carr Mount Plea			
Braddock	19,357	Mount Can			
Bradford	TA. 544	Mount Ples			
Bristol	0.356				
Dudles	9,250	Mantingly			
Bristol Butler Carbondale	20,728	Namelicone			
Carbondale	17,040	New Bright			
	10.202	Nanticoke New Bright New Castle			
Carnegie	70.000	Norristown			
Carrick	6,117	Northampt			
Catasauqua	0,117	North Brad			
Catasaugna	5,250				
Chambersburg	11,800	NorthKens			
Charleroi	0.615	Oil City			
Chester	28. = 27	Old Forge			
Chester	6.857				
Coalvale Coatesville	0,031	Phœnixville Pittston			
Contract	3:154	Distantan			
Coatesville	11,084	Pittston			
Columbia	11,454	Plymouth			
Connellsville	12.845	Pottstown			
Conshohocken	7.480	Pottsville			
Corporalie	7,900	Rankin			
Coraoponio	5,050	Danding			
Darby	5,991	Reading Ridgway			
Danville	7,517	grogway			
Darby	6,305	Rochester			
Dickson City	0.331	St. Clair St. Mary's Sayre Scottdale			
Donors	8 774	St. Marv's			
Dabois	6	Sarra			
Danois	12,023	Sayre			
Dunmore	17,615	Scottdale			
Duquesne	15,727	Shamokin			
Duryea	7.487	Sharon			
East Connemaug	h = 046	Sharpsburg			
Easton	-9	Shenandoah			
Edstoll	20,583				
East Pittsburgh	5,015	SouthBethl			
	8,407	South Share			
Erie	66.525	Steelton			
Erie	F 830	Sunbury			
Plantak City	5,030	Swinerele			
Forest City	5,749	Swissvale Swoyersvill			
	9,707	Swoyersville			
Freeland	6,197	Tamaqua			
Gilberton	5.40T	Tarentum .			
	5 540	Taylor			
C Dunmant-macri	2:340	Throon.			
Gilberton	9,050	Throop Titusville			
Greensburg	13,012	Titusville Tyrone Uniontown			
Greenville	5,000				
Greenville Hanover	7.057	Uniontown			
Hazleton	25 452	Warren			
Homestead	-3,450	Washingtor			
Homestead	10,713	Warren Washington Waynesborg			
Huntingdon	0,851	Waynesbord			
Indiana	5,749	West Berwi			
Jeannette	8,077	West Chest			
Jersey Shore	E. 28 T	West Berwi West Chest West Pittst			
Tohnstown	er alla	Wilkes-Barr			

Juniata

RHODE ISLAND.

(One of the Thirteen Original States.)

AREA, 1,248 square miles. Capital, Providence.

CENSUS POPULATION 1870-1910.

Year,	White.	Negro	Total.	Per sq. mile.
1870 1880 1890 1900 1910	212,219 269,939 337.859 429,050 532,492	4,98e 6,448 7,393 9,098 9,5#9	217,353 276,531 345,506 428,556 542,610	259 2 323 6 401 6 508 5

In 1910 the urban population numbered \$24,654 and the rural population \$7,955 the majes numbered \$70,314 and the females \$27,256. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Baptists, Protestant Episcopal Church and Congregationalists.

Boomton and Event

The State of Rhode Island and Providence-Plantations ("Little Rhody") is a Wes Regland State, bounded on the N. and E by Massachustics of the State of Rhode Island (as well be seen as the State of Rhode Island (as miles long and a miles wide) with Commercia. The State consists of Rhode Island (as miles long and a miles wide) with Commercia. Providence sixty of the State of Rhode Island in the Union Theodore, and of the undained E and W. of Narragement Bay and the Providence Sixty with a six water) the smallest State in the Union. The wreatest breadth from E. to W. is gainles, and the greatest issuight from N. to S. is go miles, and the greatest issuight from N. to S. is go miles, and the greatest issuight from N. to S. is go miles, and the greatest issuight from N. to S. is go miles.

DEPOTOAT. PRATTUDE

Relief.—The mean elevation of the State is goo feet above sea level, the highest point being Durfoe Hill (805 feet) in the N.W. (Providence County). The coast line is deeply indented in the (eastern half of the State by Narragansett Barwhille, extends inlined for 8 miles.

Bay, which extends inhald for as miles. Hydrography.—The wide Providence River (continuation of Narragament Bay) receives the Hydrography.—The wide Providence River (continuation of Narragament Bay) receives the The Pawtrate rives in the Xw and flows since the Providence, and the Pawcatuck rises in the S. E. and (corne the southern part of the western the Providence of the Narragament of the Pawcatuck rives in the Pawcatuck rives rives rives rives rives and the cauten maintain is a long bay known as the Sakonnet Rives in a long bay known as the Sakonnet Rives reservoir, in the center of Kent County.

Climate.—The climate makes the State favourite resort for visitors from New Engla and New York, Newport, Narragansett Pier (the west of the Ray) and Block Island beso much frequented. The mean January mperature at Block Island is 31° F., and July ° F., with extremes of -4° F. and 92° F., the can amual precipitation being 44 inches.

GOVERNMENT.

Rhode Island was first settled in 165 by religious refugees from Massachusetts, and was united with the Providence Plantations in the charter of 164c. An important part was played by the people in the War of Independence, and by the people in the War of Independence, and ratified on a May 179c. Under the constitution of 164c (with 16 subsequent amendments) the child executive officers are olsected bleumially by

Tribitora mar

The judges of the Supreme and Superior Courts are appointed by the General Assembly during good behavior, and the District Judges are similarly appointed but for 3 years.

LEGISLATURE.

The General Assembly consists of a Senate of 39 members and of a House of 100 Representatives, elected biennially, the indemnity of members being \$5 per diem.

Depuyon

The organized militia consisted in 1915 of 90 officers and 1,316 culisted men. There were 14 officers and 182 culisted men in the Naval militia.

EDUCATIO

In 1913 the school opopulation (5 to 18 years) was 139,124 the envolument being \$9,297, and the average daily attendance 66,866. The school schools with 7,823 secondary pupils, a State Normal School and a State Agricultural College. The principal institution for higher education is Brown University (Espisa), founded at Providence of the Providence of t

77----

The receipts for 1914 were \$3,158,001, and the expenditures \$3,145.584, the balance on hand (1 Jan., 1915) being \$12,417. The bonded debt of the State amounts to \$6,917,000.

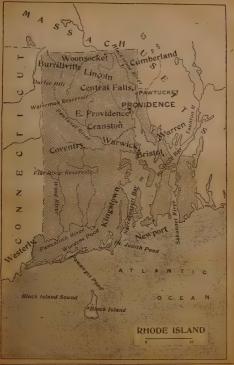
PRODUCTION AND INDUSTRY. Agriculture and Live Stock.—In 1910 there

agriculture of the Line Stoke—In 1 spec dense acres, of which 198,346 were improved. The land was valued at \$25,000,08; buildings at \$2,000,08; buildi

Fisheries.—The products of the fisheries in 1908 were valued at \$1,751,819, the number of persons employed being 1,493, with 138 vessels and 815 boats.

in 1913 was \$813,958, in 1913 \$934,328, including stone (\$643,995), clay products and mineral waters.

Manufactures. — in 1909 there were 1,951 establishments employing 122,641 persons, with capital \$290,902,000, and value of products \$280,344,000, of which \$122,122,000 was added



by manufacture. The principal industries are woolen, worsted and felt goods (\$74,600,000), cotton goods (\$50,313,000), jewelry (\$20,685,000), dyeing and Insishing (\$73,955,000), electrical machinery and apparatus (\$54,95,000), and silver and plated-wave (\$54,95,000). The great manipacturing cityle Providence (\$230,345,000), chilely machine shop products; other centers being Paractick (\$37,96,000). Womosocket (\$53,375,000), Warwick (\$70,55,000), Cumberland (\$9,52,000), Warwick (\$70,55,000), Cumberland (\$9,52,000), E-Providence (\$9,145,000), (Cruston (\$5,65,000)) dyeing and finishing (\$13,956,000), electrical

In 1913 the railroad mileage was 204 miles, and the electric road mileage 460. The ports of

PROVIDENCE, the capital of the State, is from Massachusetts) in 1636, and was incorporated as a town in 1640 and as a city in 1822. NEWPORT, the "Queen of Seaside Resorts," as the beneficial chimate of the neighborhood.
The city was settled in 1629 by religious refugees
from Massachusetts, and was first chartered as
a city in 1784. Newport was one of the two
scats of government until 1900, when Providence

was made the sole capital.

At the census of 2920 there were 28 incorpor-PROVIDENCE 224, 226 | Newport 27,740

Providence 5.407 Kingstown 5,176 Warwick 26,620

SOUTH CAROLINA.

AREA, 30,080 square miles. CAPITAL. Columbia.

White.	Negro.	Total.	Per sq. mile.
289,667 391,105 462,008 557,807 679,161	415,814 604,332 688,934 782,321 835,843	705,606 995.577 * 1,151,149 1,340,316 1,515,400	23'1 32'6 37'7 44'0 49'7
	289,667 391,105 462,008 557,807	#89,667 415,814 391,105 604,33# 462,008 688,934 557,807 782,321	289,667 415,814 705,606 307,105 604,332 995,577 402,008 628,934 7,151,140 557,807 782,321 1,340,311

the rural population 1,290,568; the males bered 751,842, and the females 763,558.

principal religious denominations are

South Carolina ("Palmetto State") is a South Atlantic State, bounded on the N. by North Carolina, on the E. and S.E. by the Atlantic Ocean, and on the S.W. and W. by the Savannah, Tugaloo and Chattooga rivers (which separate the State from Georgia). The total area is 30.89 square miles (30.495 land and 494 water), the greatest breadth from E. to W. is 235 miles, and the greatest length from N. to S. 235 miles. The State lies between 22 * 4-35 * 7. N. latitude, and between 28 * 30'-83' 20' W. longitude.

former being part of the Coastal Plain, and the letter a portion of the Piedmont Piataeu, with the Blue Ridge of the Appalachians on the N.W. boundary. The highest point in the State is Sassafras Mountain (2,548 feet) on the N.C. border, other peaks being Mount Pinnacle (3,413 feet), Cassar's Head (3,218 feet), and Table Rook

Hudrography.-The Savannah rises in the

Charleston is 40° F. and July 81° F., with extremes of 104° F. and 7° F. The mean annual precipitation is 52° x inches.

South Carolina ratined the Constitution as one of the Original States, 23 May, 798, having previously sent delegates to the Continental Congress of 2774 and 2775. Under the constitution of 1895 (which superseded these adopted from 2776-1868) the Governor and other executive Westerly 8,696 Woonsocket 38,125 officers are elected for two years.

43 members elected for 4 years and renewable as to one-half blennially, and of a House of 124 Representatives elected for 2 years. The annual-

156 officers and 1,794 enlisted men. The Naval Militia consisted in 1914 of 14 officers and 103

In rors the school population was 741,730, the enrolment was 361,161, and the average daily attendance 238,168, the disbursements being \$2,576,501. There are two normal schools for training of teachers. The pupils in the public high schools numbered 7,903 in 1913-14.
The principal State institutions for higher education are the University of South Carolina. founded at Columbia in 1801, with 551 students in 1912, "The Citadel" (S.C. Military Academy) at Charleston, and the Agricultural College at Clemson, Oconce County. The largest colleges under other coutrol are Wofford College at Spartanbury, Erskine College at Due West, and

The receipts for the calendar year rors were S3.128,557, and the expenditure \$3.514,472, with balance on hand I Jan.,1914, \$352,718. The bonded debt of the State amounts to \$5.675,821.

Aufficulture and Live Stock .- In 1910 there Agriculture and like slock.—In 1916 there were 196,424 farms, with a total area of 13,512,008 acres, of which 6,097,999 were improved. The land was valued at \$268,774,84, buildings at \$64,113,227, implements and machinery at \$14,108,853, and live stock at \$45,131,380. the corn crop in 1914 being 36,538,000 bushels, the cotton crop 1,525,000 bales, and tobacco

36,500,000 lb. The Live Stock on farms z Jan., 1915, included 83,000 horses, 166,000 mules, 185,000 milch cows zii.ooo other neat cattle, zz.ooo sheep, and Srg.oog swine.

1913 Was \$1,464,150, in 1912 \$1,606,989, includ phosphate rock (\$440.88), clay products

(\$482,241), and granite (\$360,476). Manufactures .- In 1909 there were 1,854 estabmanufactures.—In 1909 there were 1,834 estab-lishments, with 78,040 persons employed, the capital being \$173,281,000, and the value of pro-ducts \$113,245,000, of which \$4,685,000 was added by manufacture. The principal industries are cottom mills \$65,320,000, lumber and timber \$13,141,000, cottonseed oil and cake \$10,903,000, and fertilizers \$9,025,000. The chief centers are Charleston (\$6,951,000), Columbia (\$5,872,000), Spartanburg (\$3,276,000), and Greenville (\$2,142,000).

In 1913, there were 3,618 miles of railroad of the Cooper and Ashley rivers, where ocean shipping of 304,527 net tons entered and 112,509 net tons cleared in 1913-14, the value of the trade of the customs district of South Carolina being about \$16,000,000 in 1914-15. Other harbors are Georgetown, at the mouth of the Great Pedee, and Beaufort, on Royal Sound. The Savannah river is navigable to Augusta, Ga., 200 miles from

INCORPORATED PLACES.

COLUMBIA, the Capital of the State, on the Barrens of Richmond County, was selected as Barrens of Michmond County, was selected as the seat of government in 1786, and was char-tered as a city in 1854. The city, rebuilt after the destructive fire of 1865, contains many fine buildings, and is an important educational and manufacturing center. The largest city in the

State is CHARLESTON, one of the chief seaports:

ith populations exceed	ing 5,000.
olumpia26,319 nderson 9.654	Orangeburg 5.90
harleston 58,833 lorence 7,057	Rock Hill 7,21 Spartanburg17,51
	Sumter 8,xc Union 5,62
reenwood 6,614	

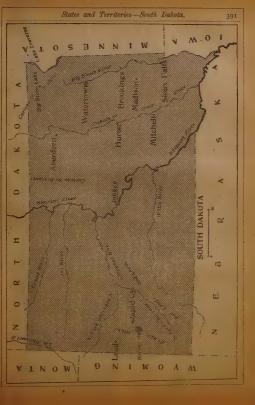
SOUTH DAKOTA.

(Admitted to the Union 22 Feb., 1880.) ARRA, 77.615 square miles. CAPPTAL Pierre. CENSUS POPULATION, 1800-1010.

Year.	White,	Negro.	Total.	Per sq.mile.
1890	328,010	54x	348,600	4°5
1900	380,714	465	401,570	5°2
1910	563,771	8x7	583,888	7°6

In you the Indian population was enumerated In 1910 the inman population was enumerscent at 19,137. The urban population was 76,763 and the rural population 507,215; the males numbered 317,112 and the females 266,775. The principal religious organization is the Roman

Relief .- The mean elevation of the State is Resid.—The mean elevation of the State is 2.200 feet, the eastern portion being a part of the Prairie Plains, and the western a part of the Great Plains. In the extreme northeast the Coteau de Prairies crosses the State, with a mean elevation of 2,000 feet, and between the James river and the Missouri is a similar plateau, of 1,800 feet. In the extreme southwest are the Black Hills, which cover an area of about 6,000



lands contain facilic acliers with good grazing of which zg \$0,500 were improved. The land ground for cattle. Extensive frequences which should be supported by the state of t involves a dam 6,500 feet in length across the Big Sioux, the boundary of the S.E. corner. Big Sioux rises in the Coteau des Prairies, in Grant County, and flows southwards for 300 miles on its course to the Missouri. Another County. The chief western affluents are the Grand, Moreau (or Owl), Cheyenne, and White, of which the Cheyenne is formed by union of the Hills. The principal lakes are Big Stone Lake (25 miles long), and Lake Traverse (20 miles long).

affords great compensation for these conditions. The January mean is about 14° F. and July 74° F., with highest and lowest records of -40° F. and with highest and lowest records of -400 F The mean annual precipitation is an

South Dakota formed part of the Louisiana purchase of 1803, and for many years was included in other governments. In 1861 the Territory of Dakota was created, and in 1889 the Territory was divided and South Dakota was admitted to the Union as a sovereign State on 22 Feb., 1889. Under the original constitution (with many subsequent amendments), the chief executive officers are elected by the people

There is a Senate of 45 members and a House of 100 Representatives, chosen in each case biennially, the sessional indemnity being \$5 per diem.

The organized militia consisted, in 1915, of 67 officers and 975 enlisted men.

The school population in rers was 178.00, the enrolment being 122.76, and the average daily attendance 87.792. The expenditures for school purposes were \$4.100,642. The University of South Dakota (opened 1883) at Vermillon had, in 1923-74, 51 instructors and 449 students. The State College of Agriculture and Mechanic Aris (opened 1884) at Brookings had 44 instructors and 527 students. There is a State School of

For the year ended 30 June, 1914, the receipts were \$4,337,928 and the expenditures \$4,444.030. the balance on hand 1 July, 1914, being \$818,123.

PRODUCTION AND INDUSTRY.

77.644 farms with a total area of 26,016.802 acres.

principal crops are corn (78,000,000 bushels in 1914), wheat (31,556,000 bushels), oats (44,165,000 bushels) and barley (19,550,000 bushels).

The Live Stock on farms 1 Jan., 1915, included 759,000 horses, 14,000 mules, 453,000 milch cows giz.ooo other neat cattle, 636,000 sheep, and

1,195,000 swine

in rors was \$7,888,411, in rora \$8,426,240, includin syrs was \$7,888,exr. in 1928 \$8,850,asp, including golds (\$5,739,asp), sliver (\$500,axp), and atom. and grist mills (\$5,280,000), butter, cheese and condensed milk (\$5,280,000), and printing and publishing (\$5,90,000). The clief contests are observed at the contest atom. and atom. ato

The railroad mileage in 1913 was 4,206, and ne electric road mileage 25. The Missouri is

PIERRE, the capital of the State, on the E. bank of the Missouri, in Hughes County, was founded by the French in the early years of the nineteenth century, and was laid out in 1880, and mescenial centery, and was said out in 1880, and chartered as a city in 1900. The largest cities are Sioux Falls, on the Big Sloux river in Minnehaha County, the center of the flour milling industry, and Aberdeen, in Brown County. At the census of 1910 there were six incorpo-

Aberdeen......10,753 - Sioux Falls14,094 Huron 5,791 Lead 8,302 Watertown7,010

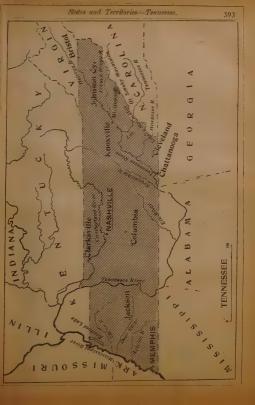
TENNESSEE.

(Admitted to the Union x June, 1796.) AREA, 42,022 Square miles. Capital, Nashville. CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	Total.	Persq.
1870	936,119	322,331	1,258,520	30°2
1880	1,138,831	403,151	1,542,359	37°0
1890	1,336,637	430,678	1,767,518	42°4
1900	1,540,186	480,243	2,020,616	48°5
1910	1,711,432	473,088	2,184,789	52°4

In rgsc the urban population was 44x,045, and the rural population x,743,744; the males numbered x,103,49x, and the females x,06x,226. The principal religious denominations are the Baptists, Methodists and Preblyberians.

Tennessee ("Big Bend State") is an East South Central State, bounded on the N. by Kentucky and Virginia, on the South by Mississippi, Alabama and Georgia, on the E. by North



Carolina, and on the W. by the Mississippi (which separates the State from Mississippi and Arkansas). The total area is 42,020 square miles Arkanisas). The total area is a a cos square miles (4r.687 land and 335 water); the greatest breadth from E. to W. is 430 miles, and the greatest length from N. to S. is 100 miles. The State lies between 35°-36° 40′ N. latitude and between 81° 37'-90° 28′ W. longitude.

Relief.—The mean elevation of the State is about 900 feet above the sea, the lowest point being 110 feet in the S.W. corner (Shelby County), while the highest point is on the castern boundary, where the Unaka Mountains (consist-Mountains) have many peaks above 6,000 feet, the highest being Mount Guyot (6,636 feet) in the ridges, including Missionary Ridge, the site of the battle of 25 Nov., 1363, and Lookout Mountain (2.125 feet), the site of the Battle above the Clouds. of 24 Nov., 1863. Across the Tennessee the valley merges in the Cumberland Plateau, and west of

total length of the Tennessee is 652 miles, (or with the Holston, 900 miles). The principal tributaries (in addition to the Rolston and is 600 miles. Into the winding Mississippi (which

those of 1796 and 1834) the Governor is elected by popular vote for two years, and he appoints some of the executive officers, but the Secretary

is appointed by the Judges of the Supreme

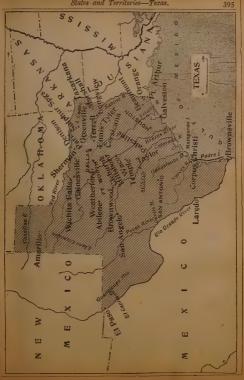
There is a Senate of 33 members, and a House of 200 Representatives, elected for 2 years, the being \$4 per diem.

In rore the school population was 672, rro, the enrolment being 544,017, and the average daily professors and instructors, and 952 students in 2913-14. Other institutions are the Vanderbilt of Chattanooga (1867), Cumberland University (1842), the University of the South, at Sewanee Memphis (1882), the Lincoln Memorial University (1897), at Harrogate,—and for colored students the Fisk, the Roger Williams, and the

For the biennial period ended 20 Dec., 1914, the receipts were \$9,366,870 and the expenditures \$9,779,579, the balance on hand (20 Dec., 1914) being \$172,410. The bonded debt of the State amounted to \$10.781.000 in x014.

PRODUCTION AND INDUSTRY.

Agriculture and Live Stock.—In 1940 there were 246.012 farms, with a total area of 20,041,657 acres, of which 10,800,484 were improved. The land was valued at \$372,415,783, buildings at \$10,00,106,804, implements and machinery at \$21,202,171, and live stock at \$110,706,078, a total for all farm property of \$612,500,836. The tobacco (63,468,000 lb. in 1914), and cotton (382,000



blast furnaces (\$4,653,000). The chief centers are Memphis (\$30,241,500), principally flour, lumber, cottonseed oil and tobacco: Nashville ville (\$8,140,000); and Jackson (\$2,710,000).

In 1913 there were 3,990 miles of railroad within the State, and 426 miles of electric road. The

NASHVILLE, the capital of the State, was founded on the Cumberland River in 1780, was incorporated in 1784, chartered as a city in 1866. and became the capital of the State in 1843. The and occame the capital of the state in 1843. The city possesses four parks, and in Mount Olivet. Cemetery is a beautiful Confederate Soldiers' monument, the National Cemetery containing the graves of 16,643 Union soldiers. Eleven miles E. of the city is "The Hermitage," the

from 1796-1843. At the census of 1910 there

NASHVILLE ... IIO. 264 | Jackson ... 7,148 8,548 5.549 Park City Columbia

TEXAS.

(Admitted to the Union zo Dec., 1845.) AREA, 265,896 square miles. CAPITAL, Austin.

Year.	White.	Negro.	Total.	Per sq.
1870	564,700	253,475	8x8,579	3'1
1880	x,x97,237	393,384	x,59x,749	6'1
1890	x,745,935	488,171	2,235,527	8'5
1900	2,426,669	620,722	3,048,710	11'6
1910	3,204,848	690,649	3,896,542	14'8

In 1910 the urban population was 938,104 and the urban population 2,958,438; the males numbered 2,017,656, and the females 1,38,566. The principal religious organizations are the Baptists, Roman Catholics and Methodists.

(262,398 land, and 3,408 water), and Texas is thus the largest State in the U.S. (being 117,599 square miles larger than California, the next in order of

arca). The greatest breadth from E. to W. is you miles, and the greatest length from N. to S. it feasuring. The State less mainly between \$\frac{1}{2}\$ to \$\fr Grande) reaching to ro6° 20' W.

Relief.-The mean elevation of the State is about 1,700 feet above the sea. The western long narrow sandbars, of which the longest are Estacado is a district of about 50,000 square 5.000 feet above the sea, surrounded by an escar Pecos, and its name is believed to be due to

where the greatest elevation is about 2,500 feet. 1,600 miles from its source. The others flow County is Lake McDonald, formed by the Aust. Dam (*,2000 feet long) across the Colorado Rive and on the Louisiana border (and partly in the State) is Lake Caddo. There are smaller lak (both fresh and saline) on the Llano Estaca and in the counties west of the Beaco Rives

Climate.—The -wast extent of Texas affords abundant variety of climatic conditions, from the warm, moist, and equable climate of the Gulf, to a region of great extremes in the highlands of the west. At Galveston, the January mean is cased to be west. At Galveston, the January mean is great of the west of

GOVERNMENT

Texas formed part of Spanish America from 250 to 18tz, and from that date was included in the Mexican government, until the deciaration of independence as a Regulatic in U.S. and interest the Union as a svereign State (without previous organization as a Territory) as Deo, 18tg. Under the constitution of 1876 (with several authorspanish mendinents), the years, and he appoints the Secretary of State, but the other local excentive officers are decided to years, and he appoints the Secretary of State, but the other child excentive officers are decided.

JUDICIARY.

The chief judicial officers are elected by th

LEGISLATURE.

There is a Senate of 31 members, elected for 4 years and renewable as to one half blennish; and a House of rog Representatives, elected for 2 years. Members of the legislature receive \$5 per diem while in session.

DEFENSE.
The organized militia consisted in 1915 of 145 officers and 2,00x enlisted men.

Tin was a serie

FINANCE.

The receipts for the fiscal year ended 31 Aug., 1974, were \$14,374,728 and the expenditure \$12,886,734, the balance on hand (31 Aug., 1974 being \$1,721,509. The State debt (principally newspaper) to shoot (input) is \$2 opt to \$1.000.

PRODUCTION AND INDUSTRY.

Agriculture and Live Stock.—In 1910 there were 413.770 farms with a total area of 112.435.067

acres, of which 27,366,666 were improved. The fland was valled at \$1.562,207.25 buildings a fland was valled at \$1.562,207.25 buildings at \$3.562,070.55 buildings at \$3.565,070.850, and live stock at \$2,375.66,509, a folial for all farm property of \$2,325.664,509, a folial for all farm property of \$2,325.664,509, a folial for all right property of \$2,325.664,509, a folial for all \$1.565,000.000, a folial for all \$1.565,000.000, a folial fo

Minerals.—The total value of all minerals won in 1913 was \$31,666,910, in 1912 \$22,797,015, in-luding petroleum (\$14,675,593), coal (\$4,288,920), natural gas (\$2,073,823), day products (\$2,655,972),

quicksilve

Managineturas.—In 1909 there were 4,588 setablishmente employing 84,575 persons, with capital \$\frac{2}{3}\text{sin \$\text{\$\sigma \text{\$\chin{th}\$}}\$ = \text{\$\chin{th}\$} = \text{\$\chin{th}\$}\$ = \

TRANSPORTATION

In 1913 there were 18,608 miles of railroad within the State, and gar miles of electric road. The ports of entry on the Guif are Galveston (1,368,632 net tons entered and 1,896,676 net tons cleared in 1913-14), Corpus Christi, Eagle Pass, El Paso and Brownsville.

ACTIVE TROUBFORATIO PLACES.

ACTIVE A

At the census of 1910 there were 41 incorporated places with populations exceeding

5,000 :			
AUSTIN		Corsicana	9.74
Abilene	0.204	Dallas	02.10
Amarillo	9,957	Denison	23,63
	20,640	El Paso	39,27
Brownsville	10,517	Ennis	5,66
Brownwood	6,967	Fort Worth	73.3×
Cleburne	10,364	Gainesville	7,62
	8,22#	Galveston	36,98

Greenville Hillsboro Houston Heuston Houston Heights Laredo Longview Marshall Orango Paris Paris Port Arthur San Angelo	8,850 6,115 78,800 6,984 14,855 5,155 11,452 5,527 10,482 11,269 7,663 10,321	San Antonio Sherman Sherman Sulphur Springs Taylor Temple Terrell Texakana Tyler Waco Waxhachile Weatherford Wichita Falls	96,611 13,411 5,15; 5,314 10,99; 7,056 9,799 10,400 26,42; 6,20; 5,07,8,200

UTAH.

(Admitted to the Union 16 July, 1894.)

AREA, 84,990 sq. miles. CAPITAL, Salt Lake City.

CENSUS POPULATION, 1870-1910.

Year.	White.	Negro.	· Total.	Per sq.
1870	86,044	118	86,786	1'1
1880	142,423	232	143,963	1'8
1890	205,925	588	210,779	2'6
1900	272,465	672	276,749	3'4
1910	366,583	1144	373,351	4'5

In toro the urban population numbered 172,394 and the rural population 200,477; the maies numbered 196,863 and the females 276,488. The principal religious organization is the Latter Day Saints,

POSITION AND EXTENT.

Ush (called by the Mormons "Descret") is a Montain State, bounded on the N. by Haho and Wyoming, on the S. by Arisona, on the E. by Colorado, and on the W. by Newfas. The total area is \$4,000 square miles (\$3,15, lind and a,260 water), the greatest breadth from E. to W. is 195 miles, and the greatest breadth from E. to W. N. lattime and between longitude sog" "\$2" - 110' \$1 gt' W. of Greenwich, or between \$10' to \$3'' \text{W}.

PHYSICAL FRATURES.

Reitig.—Fastern Unh conststs of a series of plateaus, from the Ututa Mountains, on the Wyoming border, to the marvelous colored cliffs the Wyoming border, to the marvelous colored cliffs the highest point in the State-King's Peaks (1948) feeth, Mt. Emmons (1948) feeth, Gilbert (1944) feeth, Mt. Emmons (1948) feeth, Gilbert (1944) feeth, Formali (1948) feeth of Okeanse the Law of the Color of

Mount Nebo(r., 89/rect), Twin Feak (r., 96/rect). The rock and mountain scenery of this range, particularly the wild Echo Cenyon and the wide Weber Canyon, world.

West of the Walnatch Kange are series of plateau, with the Control of the Walnatch Kange are series of plateaus, with short N, and S. ranges, and in the N. is the Great Stall Lake Desert, a series of platin flats, about S. ooo square nulles in series of platin flats, about S. ooo square nulles in

Hydrography.—The principal river of Utah is the Colorado, formed by the junction of the Green River, from Youman, and the Green River, from Youman, and the Green and Grand to its outflow in the Gulf of California, east, and the 'typis from the west. These rivers flow through canyons of remarkable heavily, surpassed only by the Grand Canyon of Arizona Carlon and Canyon of the Green and the Carlon Canyon of the Canyon of

Climate.—The mean January reading at Salt Lake City is xy^2 F., and July y^2 , with extreme of $-xo^2$ and row F. There are many health resorts in the State, and the bathing resorts in the Great Salt Lake and other saline waters are much frequented. The mean annual precipitation at Salt Lake City is x^2 inches.

GOVERNMENT

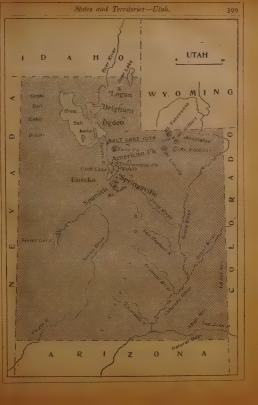
Utah formed part of the area ceded to the U.S. by the Treaty of Guadalupe Hidago (a Feb. 1848). In \$84 Brigham Young, President of the Stommar Hidago (a Feb. 1848). In \$84 Brigham Young, President of the Stommar Hidago (a Feb. 1848) and the Stommar Hidago (a Feb. 1848) and the Working Bee J. In \$85 Utah received territ was admitted to the Union as a sovereign State. Under the constitution of \$89\$ (with subsequent amendments) the executive Offices are chosen amendments) the executive Offices are chosen from the first day of the Globurg January for fury pears.

JUDICIARY.

There is a Supreme Court of 3 Justices elected for 6 years, and one of their number retires every 2 years.

LEGISLATURE.

There is a Senate of 18 members, elected for 4 years, and renewable as to one half biennially, and a House of 45 Representatives, elected for 2 years. The sessional indemnity of members is \$5 per diem.



DEFENSI

The organized militia consisted in 1915 of 32 officers and 566 enlisted men.

EDUCATION.

In 1913 the school population was 117.55; the curonismed being \$6.24\$, and the average daily consistent of the school of the sch

FINANCE

The receipts for the two-year period ended on Nov., plat, were \$3.975.53 and the expenditures \$9.275.368, the balance on hand (30 Nov., 2014) being \$7.400.998. The bonded debt of the State amounts to \$2.410.000.

PRODUCTION AND TYPES

Approximent and Lies State—In you there were any firm, with a total series of 2,307,509 nores, of which 1,356,312 were improved. The land was valued at Spa_data, buildings at \$25,05,05,100 higherents and machinery at \$25,05,05,105, implements and machinery at 507,05,105, implements and machinery at 507,05,000 higher property of \$25,000,05,000, implements and machinery at 507,05,000 higher property of \$25,000,050,000 higher pages of the Walhardt page and in the Strawberry Valley. The Lies Scot on farms of Jans, 1995, included 145,000,050 higher pages of the Valley of \$25,000,000 higher pages of the Valley of \$25,000,000 higher pages of the Valley of \$25,000,000 higher pages of \$25

Minerule.—The total value of all minerals won in 1913 was \$53,665,520, in 1912, \$51,004,942, including copper (a5,004,144 lb.), gold (\$3,55,230, silver (\$7,93,240), lead, zinc, coal (3,25,836) short tous, valued at \$5,384,127), salt, asphalt, potroleum, sulphur and aiumite.

Manufactures.—In 1909 there were 749 establishments employing 4,132 persons, with capital \$52,637,000 and value of products \$61,950,000, of which \$50,72,000 was added by manufacture. The principal industries are refining and smelting to copper and lead, and angar beet manufacture. The chief centers are Salt Lake City (\$43,351,850) and Ogden (\$3,373,000).

TRANSPORTATIO:

In 1913, there were 2,083 miles of railroad within the State, and 274 miles of electric road. The Southern Pacific crosses the Great Salt Lake on a 23-mile treatle bridge constructed at the cost of \$5,000,000.

INCORPORATED PLACE

situated on the Jordan river in the Salt Lak Valley of the Walasatch Mountains, at a altitude of 4,400 feet above the sea. The cit was founded to 1847 by Bricham Young, and the headquarters of the "Church of Jessa Chris of Latter Day Saints," the Temple, Taleruned. and Assembly Hall being the finest buildings in the city. The capital has been newly built a the ost of Sagoo.co. OSHEN, the second largest city, and the principal railroad center, was founded in 1839.

At the census of 130 there were 4 incorporated places with populations exceeding 5,000:—

VERMONT.

(Admitted to the Union 18 Feb., 1791.) AREA, 9.564 square miles. CAPITAL, Montpelier,

Year.	White.	Negro.	Yotal.	Per sq.
1870 1880 1890 1900	389,613 331,418 331,418 348,771 354,898	924 1,057 937 816 1,621	330,551 332,886 332,422 343,641 355,956	36°4 36°4 37°4 39°0

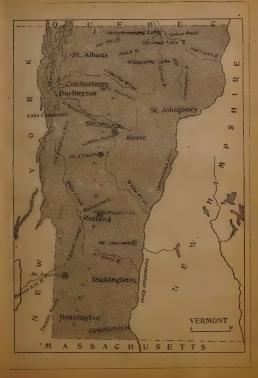
In ages the uran population amounters assessed and the rural population affects of the males numbered age, 368 and the temates 173,368. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Congregationalists and Methodists.

POSITION AND EXTENT.

Vermout ("Green Mountain State") Is a New England State, bounded on the N by the pasle and the state of the State of the State of the the E. by the touncettent river (shirthespearage, the State from New Hampshire) and on the Vip New York, takent age unlies of the W. bounding the State of the State of the State of the Vip New York, takent green unlies of the W. bounding the State of the State of the State of the In State of the State of the State of the The total areas, is 9.56 square-unities grang land and 449 water); the greatest breadth from E. to 10 × 5 in agg miles. The State lies between age 4, 45° 6, 45° N. haltinde and between ye' 26° 73° 46° N. longitude.

PRISICAL FRATURES.

Hydrography.—The Connecticut, which form the eastern boundary of the State, rises in Connecticut Lake, N.H., and flows to Long Islam



from Vermont in the Devertleid, West, Williams, While, Zasumpie, and Yulleagan. The Missignot Glowing for vg. miles across the International Glowing for vg. miles across the International Glowing the Collampilan; the Ratten Kill into the Hutlen; and the Black, Berton, and Cuyle properties of the Collampilan; the Ratten Kill into the Butlesn; and the Black, Berton, and Cuyle Development of the Collampilan; the Ratten Kill into the Hutlen Collampilan; the Ratten Kill into the Hutlen Collampilan; the Ratten Kill into the Hutlen Collampilan; the Ratten Collampilan; the Ratten Collampilan Collampilan Collampilan Collampilan Collampilan Collampilan Collampilan Willengholm Col

Climate.—The mean January temperature for the whole State is $xy^p Y$, and July 68 °F. the extremes being $-xy^n$ and xy^n and yy^n and yy^n and yy^n and yy^n and yy^n at Northfield. The mean annual precipitation for the whole State is about 39

GOVERNMENT.

The State of Vermont was formed during the War of Independence as the State of "New Connectiont." The name was changed to Vermont in 1777 and the State was admitted to the Union 18 Feb., 1791. Under the constitution of 1793 (as subsequently amended) the chief executive officers are elected by popular vote for two

JUDICIARY

The Judges of the Supreme Court are elected blennially by the General Assembly, and the remaining judicial officers are elected by the

T.EGIST.ATURE

The General Assembly consists of a Senate of members, and of a House of 245 Representatives, elected biennially, the sessional indemnit

Dannaron

The organized militia consisted in 1915 of officers and 730 enlisted men.

EDUCAT

In 1913 the school population was \$2,768, the enrolment being \$4,805, and the average daily attendance \$5,505. The school expenditures were \$5,504,786. There are two normal schools, and 75 public high schools with \$5,770 students. The Curversity of Vermont, founded at Burington in 1978, had rop professors and instructors and 615 students in 1923-25.

WINAMOR

The receipts for the fiscal year ended 30 Jun-1974, were \$3,394,66x and the expenditure \$3,354,66z, the balance on hand (30 June, 197, being \$354,722. The bonded debt of the Stat is \$346.62.

PRODUCTURE AND INCOME.

Agriculture and Line Stock.—In 1910 there were 32,709 farms, with a total area of 4,663,577 acres, of which 1,633,965 were improved. The land was valued at \$26.87 are buildings at

\$54,202,548, implements and machinery at \$10,168,687, and live stock at \$22,564,766, a total for all farm property of \$743,399,782. The Live Stock on farms x Jan., 1915, included 88,000 horses, 268,000 milen cows, 757,000 other neat cattle, 105,000 sheep, and 108,000 swine. Dairying is

Minerals.—The total value of minerals produced in 1933 was \$9,547,985, in 1932, \$9,113,912, including stone (\$9,123,325), slate (\$1,697,820), lime and asbestos. The quarries of Rutland County produce marble that excels even that

Monafactures.—In 1909 there were 1,038 establishments, employing 3,636 persons, with capital 572,470,000, and value of products manufacture. The priority industries are marble and stone work (512,295,000), lutuels and cinimate (53,956,000), lutter, chees and condensed manufacture. The priority industries are marble and stone work (512,295,000), lutter, chees and condensed to the stone of the stone of the stone work (512,295,000), paper and wood pulp (52,300,000) and foundry and machine shop products (53,795,000). The chief centers are Puringlant (54,650,000). Bure chief contents are Puringlant (56,650,000). Bure chief centers are Puringlant (56,650,000). International contents of the stone of the s

TRANSPORTATION.

The railroad mileage in 2913 was 2,073 and the electric road mileage 204. There is water communication on Lake Champlain with the Hudson and the St. Lawrence, and Burlington is an important center for Canadian lumber.

INCORPORATED PLACES

MONTPELIER, the capital of the State, is situated on the Wincoski River. The city was founded by the French in the eighteenth century, was first chartered in 1781, and became the capital in 1805, receiving a charter as a city in 1804. BURLINGTON, the largest city in the State is on the K. thore of Lake (Rampiain

tate, is on the E. shore of Lake Champian.

At the census of 1910 there were 10 incorporated places with populations exceeding

5,000 :			
MONTPELIER	7,856	Colchester	6,450
Barre			
Bennington	8,698	Rutland	13,546
Brattleboro		St. Albans	
Burlington	20,468	St. Johnsbury	6,098

VIRGINIA.

(One of the Trurteen Original States.)

AREA, 42,627 square miles. Capital, Richmond.

CENSUS POPULATION, 1870-1910.

8	Year.	White.	Negro.	Total.	Per eq.
h s () e	1870	712,089	512,841	1,225,163	30'4
	1880	880,858	631,616	1,512,565	37'6
	1890	1,020,122	635,438	1,655,980	41'1
	1900	1,192,855	660,728	1,854,184	46'1
	1910	1,389,809	671,096	2,061,612	51'2

In 1910 the urban population was 475,529, and the rural population 1,525,683; the males numbered 1,033,348 and the females 1,035,364. The principal religious denominations are the Baptists and the Methodista.



Virginia ("The Old Dominion") is a South The total area is 42,627 square miles (40,262 land and 2,365 water), the greatest breadth from E. to W. is 440 miles, and the greatest length from N. to S. is 200 miles. The State lies between 26° 20'-82° 40' W. longitude.

to the Fall Line (about 1.000 square miles); Blue Ridge of the Appalachians (about 18,000 square miles); and the parallel ridges and valleys between the Blue Ridge and the Swamp (700 square miles), intersected by Chesasquare miles). The Piedmont Region has a maximum elevation of 1.200 feet, at the foot of elevation from 1.460 feet at Harper's Ferry water gap to 4,000 feet in the finely-shaped Peaks of Otter (Bedford County), and to a maximum of 8,79 feet in Mount Rogers (Grayson County), in the S.W., the highest point in the Between the Blue Ridge and the State. Between the Bine Ridge and the mountains of the W. Boundary are parallel ridges and valleys, the most extensive of the latter being the broad Valley of Virginia, in which the Shenandoah flows northwards to the

Hydrography.—Ine principal river or riginia is the James formed by the junction of the Jackson and Pastur, and flowing castwards to Chesapeake Bay, 450 miles from its source. A small tributary, through a limestone ravine, flows under the superb Natural Bridge of feet wide and go feet in span), the surrounding

ton (19 Oct., 1781); the Rappahannock, which rises Creek estate inherited by George Washington in 1752, from his brother Lawrence. In 1859 the old wooden mansion and zoo acres were purchased by the Mount Vernon Ladies Associa-tion for Saco,coo, and the Association has restored the house to the condition in which it the Staunton and the Dan unite to form the

and July means at Norfolk (in Tidewater Virginia) being 40° and 78° F., with extremes of 2° and 102° F. and a mean annual precipitation of

Virginia was the first of the English colonies in first permanent settlement was made at Jamesin 1788. During the Civil War, the N.W. counties were formed into the State of West Virginia, and the Seven Day's Battle below Richmond of Junes-2 July, 265a), the first Manassa (az July, 185a), second Manassa (az July, 185a), Second Manassa (az July, 185a), Perfective Lawrence and Control of Seven (az July, 185a), Perfect Manassa (az July, 185a), North Anna and Betheske Church (as and as May, 1864), North Anna and Betheske Church (as and as May, 1864, North Anna and Anopamattox (5 June), Petersburg (rg June, 20 July and July, 1864), Pive Roise (Japin), 1865, and Appelmattox (6 and a April, 1865), and Roise (a Virginia are matched by commetries and Roise of Virginia are matched by commetries and statues of General Robert E. Lee (1807-1870), and of General Thomas Jonathan ("Stonewall") Jackson (1824-1863), the greatest strategist of modern times, who fell in the hour of victory, The State is governed under the constitution of 1900 (superseding these of 1776, 1830, 1851, 1864 and 1869), the executive being entrusted to a governor and chief officers elected by popular vote for four years.

JUDICIARY

There is a Supreme Court of Appeals, consisting of five judges drawn for 12 years by the joint vote of the two Houses of the Legislature, and Circuit Courts, and City Courts and Courts of Inspires of the Page.

LEGISLATURE

The General Assembly consists of a Senate of o members, elected for a years, and of a House of two Delegates, elgeted for two years. The General Assembly meta at the capital on this Wednesday in Jahluary of even-numbered years, and senators and delegates receive \$600 for each regular (and \$500 for each extra) session.

The organized militia consisted in 1915 of soc officers and 2,703 calisted men.

EDUCATION.

In 393 the school population was 46458, the enrolment being 47529, and the average daily attendance 387595. The school expenditures were \$85,7768. In 1931 there were see public high schools, with 27,039 eccondary papils. The principal institutions for higher education are the University of Virginia at Charlotteville (1930), William of Virginia at Charlotteville (1930), William of Virginia Polytechnic Institute at Rinckburg (1972). Institute at Lecongton (1838), and the Virginia Polytechnic Institute at Rinckburg (1972).

FINANCE.

The receipts for the fiscal year ended 30 Sept 1914, were \$7,797,532, and the disbursement \$7,648,367, the bainace on hand (1 Oct., 202 being \$635,417. The bonded debt of the State

PROBROWON AND INDESSER

Agriculture and Live Stock.—In 1910 there were the other war this colonia was of 19,495, 695 acres, of lower than 19,495, 695 acres, of lower than 19,905, 695, 1910, 19

The Live Stock on farms z Jan., 1913, included 354,000 horses, 62,000 nucles, 349,000 milch cows, 450,000 other neat cattle, 720,000 sheep, and one suite.

Minerals.—The total value of minerals won in pra was \$1,719,530, in pray, \$1,499,548, includ ag 8,239,668 tons of coal (valued at \$8,952,653); or or (\$983,290, ziao, lead, goold, pyrite augunese, millstones, and mineral waters.

Manufactures.—In 1909 there were 6,65 cstab ments employing 120,759 persons, with capita 5216,539,000, and value of products 5210,759,000 of which 56,212,000 was added by manufacture The principal industries are lumber and that the principal industries are lumber and that the principal industries are lumber and that mills (197,958,000), car voisituation and repair (\$9,959,000), leather tanning, currying, and finish (\$9,959,000), leather tanning, currying, and finish (\$1,959,000), leather tanning, currying, and finish (\$2,959,000), leather tanning, currying, and finish (\$7,933,000), cetton goods (\$7,400,000), shoes and boots (\$8,600,000), foundiny and machine-shop products (\$5,777,000), and iron and steel from blast furnaces (\$5,359,000). The chief centers are Richmond (\$47,356,000), Nortladi (\$55,034,000), Lynchburg (\$5,450,000), Petersburg (\$5,850,000), Barville (\$5,350,000), Barvil

TRANSPORTATION

In sep, the MANISTATION.

In sep, the ware also miss of wittool in operation, as on the principal harbors are Newport News and Norfolk and Fertamenth. In the custom district of Virginia 677,600 tons entored, and a loos of Virginia 677,600 tons entored, and a loos of Virginia 677,600 tons entored, and a loos of Virginia 677,600 tons entored, and the loos of Virginia 677,600 tons entored, and the loos of the lost aspectored in the world for merchant, and was anchoragen in the world for merchant, and the James river to Richmond. Norfolk and Voter mouth are on either side of the Einhold river, which is connected by casals with Albennach with Alben

INCORPORATED PLACE

RICKNOYN, the capital of the State, is situated on seven hills on the N. bank of the James triver. The city, which was founded to 177. The city, which was founded to 177. The city with the control of the Confederacy, is famely built, and passesses, in the rapids of the James river, abundant water power for its many activities, tobacco-being the principal industry. NORDOLE, the second city of the James river, about 187. The control of the Confederacy of the Confeder

At the census of 1910 there were 17 incorported places with populations exceeding

5,000 :			
RICHMOND	127,628	Newport News	20,205
Alexandria	15,300	Norfolk	69,452
Bristol		Petersburg	24,727
Charlettesville	6,768	Portsmouth	33:235
Clifton Forge	5,748	Roanoke	34,874
Danville	19,020	Staunton	19,64
Fredericksburg	5,874	Suffalk	7,008
Hampton	5,505	Winchester	5,86
Lynchhuer	20 404		

WASHINGTON.

(Admitted to the Union 22 Feb., 1889.) ARRA, 69,127 square miles. Capital, Olympia.

CENSUS POPULATION, 1879-1910.

Year.	White.	Negro.	Total,	ag mi	
1870 1880 1890 1990	22,195 67,199 340,829 496,304	207 385 1,602 2,514	#3,955 75,336 357,236 518,103	0'4 3'1 5'3 7'8	
1010	1,100,111	6,058	1,141,990	17'3	

In 2910 the Indian population was 10,977hinese 2,700, and Japanese 12,929. The urber, population numbered 665,520, and the rural population 256,460; the makes numbered 625,655 and the femiles 28-327. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Methodists, Presbyterians, Lutherans, and Baptists,

total area is 69,127 square miles (66,836 land and 2,291 water), the greatest breadth from E. to W. is 360 miles, and the greatest length from N. to S. is 240 miles. The State lies between 45° 32'— 49° N. latitude, and between 116° 57' and 124° 48' W. longitude.

Relief .- The principal mountain systems of Adams (12,470 feet), Mount Baker (10,572 feet), Glacier Peak (10,436 feet), and Mount St. Helen's, above 10,000 feet. The Cascade Mountains run through Washington and Oregon, and are a con-tinuation of the Sierra Newada of California. The tinuation of the sterra Newban of Cambrian. In-eastern and western slopes are cut deep by valleys, and the range is covered with dense forests. Mount Rainier National Park (or Paradise Park) has a total area of 207,360 acres superb cascades and many active glaciers. Rast

Hydrography.—The great river of Washington is the Columbia, which is formed by the junction of the Lewis and Clarke's Forks, and flows to the the north the Okanogan. Several small rivers flow from the Coast Range to the Pacific, and the Chehelis cuts through the range and flows near Seattle is Lake Washington (20 miles long and 5 miles wide), a beautiful sheet of fresh water to the E. of Elliott Bay.

Climate.-The climate of the coastal region

and 69° F., with extremes of -30° and roq° F., the mean annual precipitation being only ro inches. At Scattle the means are 93° and 64° F., with extremes of ra° and 60° F., and 37 inches annual precipitation, and at Walla Walla (in the S.E.) the means are 33° and 74° F., with extremes of -27° and ray 2° F., and preprintation 58 inches.

1853 (having previously formed part of Oregon Territory), and was admitted to the Union as a sovereign State in 1889. Under the original consovereign state in 1889. Under the original con-stitution of r Oct., 1889 (as amended in 1894, 1896, 1900, 1904 and 1910) the executive officers are elected by popular vote (women having the

· JUDICIÁRY.

There is a Senate of 42 members, elected for and a House of 96 Representatives, elected for 2 years, the sessional indemnity of members being Ss per diem.

The organized militia consisted in rors of 8a officers and 1,234 enlisted men. There were 17 officers and 305 men in the Naval militia in 1914.

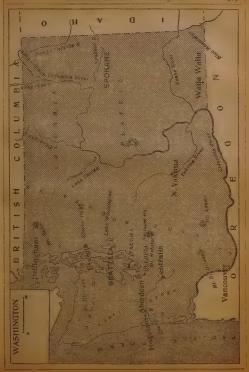
In rors the school population was 294,62z, the enrolment being 229,993, and the average daily attendance 171,628. The expenditures for school purposes were \$12,508,444. There are three normal schools, with 1,509 students, and 26,036 secondary students. The principal State institutions for higher education are the University of Washington, founded at Seattle in 1861, with in 1914, and the State College founded at Pullman in 1892, with 120 professors and instructors and r. 160 students.

The receipts for the year ended 30 Sept., 1914, were \$7,215,698 and the expenditures \$6,614,308, the balance on hand (30 Sept., 1914) being \$750.656. The bonded debt is \$231.024.

Agriculture and Live Stock .- In 1910 there were Agriculture and Live Score.—In 3210 there were \$6,502 farms, with a total area of 12,72,323 cres, of which 6,373,311 were improved. The land was valued at \$57,423,936, buildings at \$546,56,439, implements and machinery at \$16,709,544, and live stock at \$48,865,370, a total for all farm property of \$637.543,411 (against \$144.040,547 in 1900). The chief crops are wheat (41,840,000

igoo). The conet crops are wheat (gr.saq.oo) bushels in 1944) and cats (gr.950,00 bushels). The Lice Stock on farms (1 Jan., 1915) included 211,000 horses, 15,000 miles, 205,000 miles compared to the cover are contact to the cover are covered to the covere

Minerals.-The total value of minerals won in 1913 Was \$17,579,743, in 1912 \$15,347,313, includ-



capital Sazzańs co and value of products Sazząńs, co, or with Stoza Saz oo was added by sazząńs, co with Stoza Saz oo was added by manufacture. The principal industries are lumber and times (Sazzążąco, flour and prist mills (Sz., Sz. coo), flour flucture in the Sazzaz oo flour and prist mills (Sz., Sz. coo), flour sal prist mills (Sz., Sz. coo), flour and butter, cheese, and condensed milk (Sz., Sz. coo). The chief centers are Seattle (Sz. coo, Sz. coo), flouring (Sz. coo), Spolane (Sz. coo), flouring (Sz. coo), walls willis (Sz. sz. coo), flouring (Sz. coo), spolane (Sz. coo)

TRANSPORTATION.

In 1913 there were 5,500 miles of railroad within the State, the Great Northern piercing the Cascade Mountains through Concade Tunnel (ay's miles), completed in 1900 at the cost of \$5,500.000, and the Northern Pacific piercing the same range through Stampete Tunnel (a miles), at a fire feet above scalevel. The secury around the tracks its superly and includes exceed a supersy that the same range of the same range of remarkable beauty. The electric road mileage was 1000 from what the control of the same range of

FUGIT SOUND, which contains the harbors of Seattle and Tacoms, and Olympia, Everett and Bellingham, is of the first importance to Pacific Research of the Pacific Pacific Pacific Pacific Pacific Toreign trade in Joyan-14 being 2,172,172 net tons and the clearances 3,46,472 net tons for the and the clearances 3,46,472 net tons for the Markov Pacific Pacific Pacific Pacific Pacific Pacific and Willapa Harbor, on the Laurent Pacific Pacific and Willapa Harbor, on the Pacific Pacific Pacific Autoria and Parthard (the harbors of the Columbia Autoria and Parthard (the harbors of the Columbia

INCORPORATED PLACES.

OLYMPIA, the capital of the State, finely situated (in the midst of a densely wooded district) on the Des Chutes River and Budd's Inlet, at the head of Puget Sound, was founded in #85, became the capital of Washington in #83, and was chartered as a city in #89. The capitol is built of native stone and stands in a beautiful nark.

SEATTLE, the largest city in the State, and the commercial center of Puget Sound, is built on terraces rising from the shores of Elliot Bay. The city was founded in 1852, and its growth has been principled.

SPOKANE, on the banks of the Spokane River, near the center of the eastern boundary, contains many fine buildings, and obtains power from two Falls (130 feet) within the city bound-

TACOMA, built on terraces at the head of Commencement Bacy, a southeastern arm of Puget Sound, is famous alike for its buildings and for the Natural Parks in its neighborhood. These parks extend for 12 miles and contain, in their 150 square miles of area, the American Lake to square miles of area, the American Lake to square miles of area, the American Cake to square miles of area.

At the census of 1910 there were 12 incorporated places with populations exceeding

Aberdeen	13,660 24,298 7,311 24,814	Tacoma Vancouver	83,743

WEST VIRGINIA.

(Admitted to the Union at Dec., 1862.)

AREA, 24,170 square miles. CAPITAL, Charleston.

Year.	White.	Negro.	Total.	Per sq. mile.						
1870 1880 1890 1900 1910	424,033 592,537 730,077 915,233 1,156,817	17,980 25,886 32 690 43,499 64,173	442,014 618,457 762,794 958,800 1,221,119	18·4 25·7 31·8 39·9 50·8						

In 1910 the urban population was 228,242, and the rural population 92,877; the males numbered 64,044 and the females 577,075. The principal religious organization is the Roman Catholic Church, the chief Protestant bodies being the Methodists and Presbuterians.

POSITION AND EXPENS

West Virginia ("The Panhandle") is a South Aslantic surjoint ("The Panhandle") is a South Aslantic surjoint ("The Panhandle Surjoint ("The Panhandle between the ohio River and Feuropity vanis), on the S. and E. by Virginia, and on the W. by the ohio River and Keutopit, "The total areas is 4,2,25 yuare miles (a,000 ind and 1,00 water), and and the greatest length from N. 50, 5, 10 aponities. The viate lies between y" no 4,0° of N. in aponities. The viate lies between y" no 4,0° of N. in a pointies.

PHYSICAL FEATURES.

Reliaf—The eastern boundary of the State follows the crees of the Allechany Ranges of the Appalachian Mountains, the highest point in the Appalachian Mountains, the highest point in Pendleton County. West of the Allechanies is a valley region, which merges into a section of the general north-westerly slope, but with its highest point in the S.E., where the Allechany Front reaches an elevation of 4,000 feet above means and steep-sided, bills, which attain 1,000 feet and steep-sided, bills, which attain 1,000 feet allows the sea along the Oho Erwer, in the

Indicerrable—The Oble forms the greater part of the western boundary, and encircles the part of the western boundary, and encircles the port the State being the Irose Kanstella, Irose the Irose Kanstella, Irose the Irose Kanstella, Irose Kanste

¥ z Ш O

WEST VIRGINIA

rivers, and fermerly contained the buildings of the U.S. Armory and rifle factory seized by John Brown of Ossawotomie and his 19 companions (16 Oct., 1859), in the raid which helped to precipitate the Civil War.

Climate.—The variety in the elevation of the State makes a corresponding variety in the extremes of temperature, the January and July means at Elkins, in the eastern mountain county of Randolph, being sp² and pe² E. with extremes the Onio being sp² and pe² F., with extremes of sp² and -sp² F. The mean annual precipitation in greatest in the Alleghenius, with A3 inches at greatest in the Alleghenius, with A3 inches

GOVERNMENT.

The state was formed at the Second Wheeling Convention (rs. June, 387) by the people of the northwestern counties of Virginia, who ratified the constitution of the new State (as March 1865), and West Virginia was admitted to the Dinion as a soverell State by proclamation of the convention of the produced the state of the Convention of

JUDICIARY.

The Supreme Court of Appeals consists of 5 Justices elected by popular vote for ma years, and meets three times a year at Wheeling, Charleston and Charles Town.

LEGISLATURE.

The General Assembly consists of a Senate of 30 members, elected for 4 years, and renewable as to one half biennially, and of a House of 85 Delegates, elected for a years. The sessional indemnity of members is \$4 per diem.

DEFENSE

The organized militia consisted in 1915 of 117 officers and 1,607 enlisted men.

In 1923 the school population was 378,695, the enrolment being 269,521, and the average daily attendance 260,521. The expenditures for public school purposes were \$5,074,652. There are normal schools with 1,465, students, 65 public West Virginia University, founded at Morgantown in 267, had 100 professors and instructors, and 323 students in 1923-48.

FINANCE.

The receipts for the year ended 30 June, 1914, are \$7,215,698, and the expenditures \$6,614,308, the balance on hand (1 July, 1914) being \$750,656. There is no bouded debt.

PRODUCTION AND INDUSTE:

The Live Stock on farms z Jan., 1915, included 192,000 horses, 12,000 mules, 234,000 milch cows. 338,000 other neat cattle. 706,000 sheep, and

Minerals.—West Virginia ranks second among the mineral-producing States. The value of all minerals won in 1913 was \$143,640,623, in 1912 \$122,574,358, including 71,363,662 short range of coal (valued at \$7,245,65) netural gas (534,76,650), perfoleum (536,762,614), clay products (\$5,90,570), stone, lime, and sand and

Monufactures. — In 1990 there were a age establishments, employing 7,485 persons, with capital \$2.59,592.000, and value of products by a second of the capital \$2.59,592.000, and value of products by manufacture. The principal industries are limited and timber (\$36,795,000), from and steel (\$37,950,000), from and steel (\$37,950,000), from and exercise construction and wheeling (\$37,950,000), and exercise construction and wheeling (\$37,950,000), (hardenote (\$5,550,000), Parkinshung (\$5,550,000), Charleston (\$5,550,000), and Bindelhold Martinshung (\$5,550,000), and Bindelhold Schriftschung (\$5,550,000), and Bindelhold (\$5,550,000), a

TRANSPORTATION.

In 1913 there were 3,846 miles of railroad within the State, and 444 miles of electric road. There are abundant facilities for transportation on the Ohio and its tributaries, of which the Monongahela and the Little and Great Kanawha are of the greatest value.

INCORPORATED PLACES.

CRAILINTON, the capital of the State, is finely situated, near the outler of the State, on the State on the N. bank of the Great Kanawha River, which is spanned by a fine bridge, 7g forts above the water, and the state of the bridge, 7g forts above the water of the bridge of the State, in the bridge, 7g forts of the largest city of the State, in the north-western Panhandle, occupies a position of great interest of the state of the

At the census of roro there were as in-

corporated place	S WICH	роршамонь	6770	Marmoo
5,000 :		1 700		
CHARLESTON	22,006	Huntington .		31.161
Bluefield	11,188	Martinsburg.		10,698
Clarksburg	0.201	Morgantown		0.150
Elkins		Moundsville .		9,918
Fairmount		Parkersburg .		

WISCONSIN.

(Admitted to the Union 29 May, 1848.)

AREA, 56,066 square miles. CAPITAL, Madison.

CENSUS POPULATION, 1879-1010.

Year.	White.	Negro.	Total.	Per sq. mile
1870 1880 1890 1900 1910	1,051,351 1,309,618 1,680,828 2,057,911 2,320,555	2,113 2,703 2,444 2,542 2,900	1,054,670 1,315,497 1,693,330 2,069,042 2,333,860	19"1 23"8 30"6 37"4 42"2



In rose the Indian population was enumerated In 1930 the Indian population was enumerated at 10,145, the urban population numbered 1,206,300, and the rural population 1,239,540; the males numbered 1,206,578 and the females 1,125,382. The principal religious denominations are the Methodists, Baptists, Roman Catholics, Presbyterians, and Unitarians.

POSITION AND EXTENT.

Wisconsin ("Badger State") is an East North Central State, bounded on the north by Lake Superior and the upper peninsula of Michigan, on the south by Illinois, on the east by Lake area (exclusive of 2,378 square miles of Lake State extends) is 56,066 square miles (55,256 land and 810 water); the greatest breadth from east to west is 250 miles, and the greatest length from north to south is 300 miles. The State lies between 42° 30' N. latitude and between 86° 49' - 92° 54' W. longitude.

Relief -The surface of the State is cently where Rib Hill (Marathon County) rises to 1.940 feet, and in the Penokee Range of the north (1,800 feet), thus marking a dividing ridge between the lakes and the Mississippi basin.

forms the west boundary fer 135 miles before joining the Mississippi, part of its course lying in lava beds which form the Dalles of the St. State is the Wisconsin, which rises near the sippi, 600 miles from its source, between Crawford and Grant Counties in the south-west. The Wiscousin is navigable to Portage (Columbia a course of about 200 miles, others being the to miles wide), about 40 miles due S.W. of the

Climate.-The dry air renders the great ex-

Minnesota, and part of the Dakotas) in 2836. In 1848 a Constitution was adopted, and Wissonsin other officers elected by popular vote for two

There is a Senate of 33 members elected for

The organized militia consisted in 1915 of 196 officers and 3,025 enlisted men. There were 13 officers and 114 men in the Naval militia.

In 1913 the school population was 664,662, the enrolment being 424,718, and the average daily attendance 311,718. The expenditures for public school purposes were \$12,604,361 There are 34 high schools, with 38,937 secondary students. The University of Wiscousin, founded at Madison in 1848, had 523 professors and instructors and 4.686 students in 1913-14.

The receipts for the year ended 20 June, 1914.

Agriculture and Live Stock .- In 1919 there were 277,127 farms, with a total area of 21.060.066 were 277, 127 jaruss, with a total area of 21,000,000 acres, of which 11,007,000 were improved. The land was valued at \$911,938,261, buildings at \$239,564,465, implements and machinery at \$250,557,89, and live stock at \$258,559,483, a total for all farm property of \$1,473,173,000. The chief crops are outs (62,100,000 bushlels in 1914), corn (69,862,000 bushels), barley (18,428,00 bushels), potatoes (37,696,000 bushels), and tobacco (53,808,000 lbs.)

1012 W88 S12,452,480, in 1012, S14,102,287, including from one (\$2,469,50), in 1912, \$14,102,409, in cluding from one (\$2,469,50), stone (\$2,479,200), stone (\$2,479,200), stone (\$2,479,200), stone (\$3,479,200), stone (\$4,450,170) were produced.

Manufactures. -- In 1901 there were 0.721 Maintfactures, — In 1991 came were 5,771 establishments, employing 273,426 persons, with capital \$605,657,000, and value of products \$590,305,000, of which \$243,940,000 was added by manufacture. The principal industries are lumber and timber (\$57,970,000), foundry and cheese and concensed this (\$53,843,000), leather (\$44,670,000), malt liquors (\$32,126,000), fleur and grist mills (\$31,670,000), slaughtering and meat pasking (\$37,217,000), paper and wood pulp (\$25,962,000), furniture (\$26,656,000), car construction and repairs (\$14,322,000), shoes and boots (\$13,602,000), automobiles (\$11,440,000). agricultural implements (\$11,410,000), and iron

Madison, the capital of the State, in the celebrated "Four Lakes" region, was founded in 1836 and named in honour of James Madison, and was chartered as a city in 1856. The city buildings, and many beautiful parks, with attractive boulevarded drives in the vicinity. The capital was rebuilt after the fire of 1904. 1834 and chartered as a city in 1846. In addition

We pire ceripin or ri	
corporated places with	populations exceeding
5,000 :	
MADISON25,531	Menasha 6,0
Antigo 7,196	Menominie 5,0
Appleton16,773	Merrill 8,6
Ashlandxx.594	Wilwaukee373,8
Baraboo 6,384	Neenah 5,7.
Beaver Dam 6,758	Oconto 5.6
Beloit5,125	Oshkosh33,0
Chippewa Falls 8.893	Portage 5,4
Rau Claire 18,310	Racins38,0
Fond du Lac18,797	Rhinelander 5,6
Grand Rapids 6,531	Sheboygan26,3
Green Bay25,236	South Milwaukee 6,0
Janesville13,894	Stevens Point 8,6
Kenosha21,371	Superior40,3
La Crosse30,417	Watertown 8.8
Manitowoe13,027	Waukesha 8,7
Marinette14,610	Wansan16.5

WYOMING.

(Admitted to the Union to July, 1890.)

Year.	White.	Negro.	Total.	Per sq. mile.
1870 1880 1890 1900	8,726 19,437 59,324 89,051 140,318	183 298 922 940 21235	9,118 20,789 62,555 92,531 145,965	0.8 0.9 0.3 0.1

In poro the Indians numbered v. 486 Chinese 246, and Japanese 1,596. numbered 43,221 and the rural population 102,744; the males numbered 91,670 and the females 54,295. The principal religious organization is the Roman Catholic Church, the Latter

the greatest breadth from E. to W. is 375 miles, and the greatest breadth from E. to W. is 375 miles, and the greatest blength from N. to S. is 276 miles. The State lies between 42° - 45° N. latitude and between 27° - 34° W. longitude.

temperature is -54° and the highest 100° F., with January and July means of 17° and 68° F., and at Clieyenne the extremes are - 38° and 100° F., with January and July means of 26° and 67° F. The mean annual precipitation is about

Act of Congress, r March, 1872, "as a public park or pleasure ground for the benefit and enjoyment of the People," has a total area of

Absaroka Range are Cathedral (10,700 feet), Chittenden (20,100 feet), Silver Tip (20,400 feet), Grizzly (0.700 feet), Doane (10,500 feet), Langford (10,600 feet), Stevenson (10,300 feet), Atkins (10,000 feet), Schurz (10,900 feet), Eagle Peak (10,800 feet), and Table (10,800 feet), while the Red Mountains, in the south center, have their highest points in Mount Sheridan (10,250 feet) and Mount Hancock (10,100 feet).

Hudrography .- The pine-clad mountains of the Vellowstone form the gathering ground for the the Great Continental Divide, the largest river of the park being the Yelloustone, 1,000 miles from its source to its outflow in the Missouri, in North Dakota. The river flows through the most beautiful of the natural wonders of the world, providing in its 20 miles of colored crags The river passes over the Upper and Lower Yellowstone, plunge 360 feet into the canyon, and at the confluence with the Tower Creek are the creeks and tributaries, including those of the Gardiner, Gibbon, Firehole, Kepler's, Virginia, and Lost Creek. The principal lakes are Yellowstone Lake (nearly 8,000 feet above sea level, with an area of 140 square miles), on the 40 feet high and 30 feet across; Shoshone Lake, long and 4 miles wide at its greatest limits); and Prismatic Lake, near "Hell's Half Acre" (Excelsior Geyser), smaller in size than many others, but the most wonderful of all on account of its coloring, Perhaps the most remarkable natural phonomena of the park are the Hot Springs (numbering about 4.000) and the Geysers (about no active). The largest geyser in use world is Excelsion Geyser, now dormant, but when active it throws up a huge mass of water to a height of 300 feet. Upper Geyser Basin contains Old Faithful, with a stream 150 feet contains Old Faithful, with a stream upe feet high, thrown with great regularity at intervals of about one hour, the Beckies (see feet), Giantees (eds.) the three feet), with the two the present the feet), while Lower Geyser Basin contains the Fountain Geyser (go feet), the Great Fountain (ups feet) and the Mammoh Panist Pols, a group of mud Reysers within a crater, with different colored fornitain producing the most beautiful with the colored fornitain producing the most beautiful the colored fornitain the colored fornitain producing the colored fornitain t Caldron lies between the Yellowstone Lake and the Entraine once as our under, in the park, overing about soo acres and attaining a maximum height of 30 feet, with the most exquisite coloring (white, pink, red, brown, yellow, and green). There are numerous other natural features of the greatest beauty, including

in the west (Oregon Short Line R.R.); and at Cody, Wyo., in the east (Chicago, Burlington, and Quincy R.R.). It is impossible to see the of the Interior, the superintendent's address being Yellowstone Park, Wyoming.

Wyoming was acquired partly under the Louisiana purchase of 1803, and partly under the Treaty of Guadalupe Hidalgo of 1848, and was organized as a Territory (with a part of the Oregon district added) in 1868. In 1889 the people adopted a constitution, and Wyoming was admitted to the Union as a sovereign State in 1890. Under the constitution the governor and principal executive officers are elected by popular vote for 4 years.

There is a Supreme Court of three Justices

There is a Senate of 27 members elected for 4 years and renewable as to one-half bigunially. and a House of 57 Representatives elected for two years. The salary of Members is \$8 per

DEFENSE

The organized militia consisted in 1915 of 34 officers and 508 enlisted men.

In 1913 the school population was 22,710, the as 1913 the smoot population was 33,770, the enrolment being 25,556 and the average daily attendance 26,552. The public school disbursements were \$4,257,322. There are 56 public high schools, with 699 secondary students. The University of Wyoming, founded at Laramie in 1866, had 70 professors and instructors and 257 students in 1923 44.

The receipts for the biennial period ended 30 Sept., 1914, were \$2,636,068, and the expenditures \$1,322,814, the balance on hand (30 Sept., 1914) being \$718,426. The bonded debt of the

Agriculture and Live Stock .- In 1910 there were 10,987 farms, with a total area of 8,543,010 acres, of which 1,256,160 were improved. The land was valued at \$88,908,276, buildings at \$9,007,001, implements and machinery at \$3,668,294, and live stock at \$65,605,500, a total \$3,000,300, and live stock at \$05,005,500, a total for all farm property of \$167,189,061 (against \$67,477,407 in 1900). Oats (7,875,000 bushels in 1914) and wheat (2,390,000 bushels) are the principal crops. The live stock on farms 1 Jan., 1915, included 176,000 horses, 2,000 mules, 46,000



Minerals.—The value of all minerals won including 7,393,066, in 1911, \$13,34,068, including 7,393,066 tons of coal (valued at \$11,510,045), intural gas, petroleum, gold, silver, copper, and phosphate rock.

Manufactures.—In 1909 there were sfa establishments employing 3.339 persons, with capital \$6.195.000, and value of products \$6.490.000, of which \$3.640.000 was added by manufacture. The principla industries are car construction and repairs[\$5.337.000], brushes and timber(\$751.750), and flour and grist mills (\$746.000). The chief

centre is Cheyenne (\$1,577:025).

TRANSPORTATION.

In 1913 there were 1,680 miles of railroad ithin the State, and 22 miles of electric road.

CHEYENNE, the Capital of the State was

founded and incorporated in 1869. The city possesses a fine capitol and a long boulevard connecting with Fort D. A. Russell.

At the Census of 1210 there were 4 incorporated

MONTHLY WAGE TABLE.

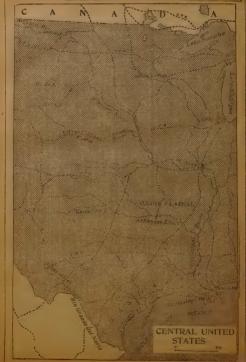
(Week of six working days.)

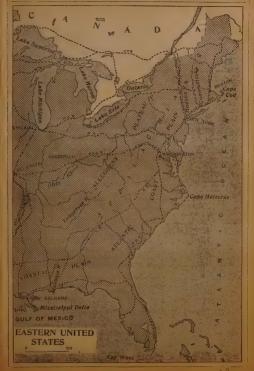
Days.	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20
	-				- 54	.58	.62	64	.60	-73	77
I		-43	,45	1.00	1.08	1.15	1.23	1.31	z.38	1.46	1.54
2		.85	.92		1.62	1.73	1.85	1.06	2.08	2.10	2.31
3		1.27	1.38	2.00	2.15	2.31	2.46	2.62	2-77	2.02	3.08
4		1.69	1.85		2.60	2.88	3.08	3.27	3.46	3.65	3.8
5		2.12	2.31	2.50		3.46	3.69	3.92	4.15	4.38	4.6
6		2.54	2.77	3.90	3.23	4.04	4.31	4.58	4.85	5.12	5.38
7		2.96	3.23	3.50	3-79	4.62	4.92	5.23	5-54	5.85	6.19
8		3.38	3.69	4.00	4-31			5.88	6.23	6.58	6.9
9		3.8r	415	4-50	4.85	5.19	5-54	6.54	6.92		. 7.60
10		4.23	4.62	5.00	5-38	5-77	6.77	7.19	7.62	7.31 8.04	8.46
II		4.65	5.08	5.50	5-92	6.35		7.19	8.31	8.77	9.25
12		5.08	5.44	6.00	6.46	6.92	7.38				10.00
13		5.50	6.00	6.50	7.00	7.50	8,62	8.50	9.00	9.50	
14		5.92	6.46	7.00	7-54	8.08		9.15	10.38	10.23	10.72
¥5		6.35	6.92	7.50	8.08	8.65	9.23		13.85	14.62	11.54
30		8.46	9.23	10.00	10.77	11.54	12.31	13.03	18.00		15.38
r month	10.00	11.00	12.00	13.00	14.00	15.00		17.00		38.00	20.00
2		22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00		40.00
3		33.00	36.00	39.00	42.00	45.00	48.00	51.00	54.00	57.00	60.00
4	40.00	44.00	48.00	52.00	56.00	60.00	64.00	68.00	72.00	76.00	80.00
5		55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00
6	60.00	66.00	72.00	78.00	84.00	90.00	96.00	102.00	108.00	114.00	120.00
7		77.00	84.00	91.00	98.06	105.00	112.00	119.00	126.00	133.00	140.00
8	80.00	88.00	96.00	104.00	112.00	120.00	128.00	136.00	144.00	152.00	160.00
9		99.00	108.00	117.00	126.00	135.00	144.00	153.00	162.00	171.00	180.00
10	- 100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190,00	200.00
II	. 110.00	121.00	132.00	143.00	154.00	165.00	276.00	187.00	198.00	209.00	220.00
r year	. 120.00	132.00	144.00	156.00	168.00	180.00	192.00	204.00	216.00	228.00	240.00

FREEZING, FUSING, AND BOILING POINTS.

Substances.	Reau- mur.	grade.	Fahren- heit.	Substances.	Reau- mur.	grade.	Fahren heit.
Alcohol boils at	211 50 - 17.6 963 28.4 1,105 140 1,230	74-4 264 63 - 22 1,204 35-5 1,380 175 1,538 325	145 - 7.6 2,200 96 2,518	Olive oil freezes at Potassium fuses at Quicksilver freezes at Silver fuses at. Sodium fuses at Sulpium fuses at Tin fuses at Water boils at Do, freezes at Zine fuses at Line fuses at	- 31.5 800	10 6z.5 - 39.4 1,000 95.6 115 228 100 0 412	50 144.5 - 39 1,832 204 239 442 212 32 773







DEPENDENCIES OF THE U.S.A.

ADEA AND POPULATION

Dependency and Capital.	Area (English Sq. Miles).	Population.
Goam (Agana) Philippines (Manila) Porto Rico, etc. (San Juan) Tutuila (Pago Pago) Wake Island, etc. Panama Canal Zone	207 121,400 3,600 95 10 400	12,000 8,650,000 1,120,000 6,000
Total	125,712	9,918,000

PHILIPPINE ISLANDS AREA AND POPULATION.

Island,	Area in Sq. Miles.	Population 2903.
Bohol	1,441	243,148
Cebu	1,762	592,247
Leyte	2,722	357,641
Luzon	40,969	3,798,507
Masbate	1,236	-
Mindanao	36,292	499,634
Mindoro	3,851	
Negros	4,881	450,775
Palawan	4,027	
Panay	4,611	743,646
Samar	5,031	222,690
Other Islands (3,130)	14,572	· -
Total	121,035	8,265,348

Position and Extent.—The Philippine Islands are situated between $\frac{4}{3} \circ -\pi^2$ or N. lat. and $\pi 10^6 \times 40^4 - \pi^2$ of N. lat. and $\pi 10^6 \times 40^4 - \pi^2$ of M. lat. and $\pi 10^6 \times 40^4 - \pi^2$ of M. lat. and $\pi 10^6 \times 40^6 - \pi^2$ of M. lat. and $\pi 10^6 \times 40^6 - \pi^2$ of Which total land area is ranges square miles, of which total too, are square miles are contained in the eleven largest islands, the failure of the miles of the mile

Lagra equare miles.

The property of the Parity of coas, extending the Parity occas, extending to the Parity occas, extending for more than a soo miles in an irregular creasen formation, the largest blands cleng at the formation of the largest blands cleng at the property of the largest blands cleng at the results. In the extreme west is the long, mar row island of Palawan, detached from the mail chain, and lying in the China Sea. All the Island chain, and lying in the China Sea. All the Island and Chain, and lying in the China Sea. All the Islands are Mount Apo in Mindanao (19,312 feet) MOUNT Raidon, in Minden Moeo Seed, sea and the China Sea. The care twelve active volcanoes in the archipelago, and Mount Mayou (Lucot) caused great on an island in a lake go miles south of Manila was the scene of a destructive outbrack in 232. Earthquakes are frequent, but very saidor gave miles) in Lucon, and the Cotolate and

Aguan, in Mindanao, while close to Manile de the Laguna de Bay, a freshwater lake core ya miles in length, and Lake Taal, about haif the size of the former, and smaller lakes about his in marked by a high temperature and the rainis marked by a high temperature and the rainislands are subject to violent tropical storms (loguises) the heat is less oppressive than that of

Population.—At the Census of 290 the population was assertained to be 7,625,465, almost all of Maisyan stock, of whom nearly 7,000,000 were Muhammadans; about 725,000 are pagans, were Muhammadans; about 725,000 are pagans, quarters are Chieses, and of the white population over one-half are from the U.S.A. (8,300 in 390). The population in 3914 was estimated in 3920. The population in 3914 was estimated

at 8-gay 399.

Government.—The Islands were discovered in rass by the Fortuquese navigator Magellan, who for the second of the s



reduced to raceo American and soc native troops. The first ovil governor of the Phillipse the William E. Tafe (afterwards Presigners the U.S.), appointed r July, nor, and he was succeeded by General L. E. Wright (1904, 5). H. C. Ide (1906), General J. F. Smith (1906), and W. C. Forbes (1908). The present Governor was appointed in 1913.

Governor-General (Manula), Francis Burton Harrison. Vice-Governor-General, Henderson S. Martin.

Executive Officers.
Interior Winfred T Denison

Commerce and Police, Clinton L. Riggs.
Finance and Justice, Victorino Mapa.
Public Instruction, Henderson P. Martin.

These executive officers, with four others (R. Palma, Vicente Singson, Jaime C. de Veyra, and Vicente Hustre), form the Commission, under the presidency of the Governor-General. The Legislature consists of two houses, the Commission (see above) and an Assembly of St members, elected by the people on a limited franchise for four years.

Public Health.—The birth rate for the city of Manila, while is the only area for which estitively accurate statistics are at present obtainable, was agive just again and the dealth rate of the control
Education.—In 1914 there were 4.46 primary, intermediate, and secondary public schools, with an average monthly enrollment of 50.379 pupils. Registered private schools have an enrollment of about 10.500. The furiversity of the Philippines, supported from public funds, has an enrollment of about 10.500 public funds, has an enrollment of the obligate departments. The school purposes in 1914 was 3.558.401 pc.500.

Finance.—The revenue of the central government is mainly derived from customs duties and internal taxes. The balance on hand at the beginning of the fiscal year 1911–1912 SS, 219,312. The revenues for the year were \$13,489,700, and the expenditures \$14,745,200. The bonded indebtedness of the Philippine Government in 1914 was \$16,124,000.

Production and Instituty—Agriculture is the principal industry of the exclipsings, and employs over one-half of the working population. The chief crops are hemp, rice, mains, sugar, The chief crops are hemp, rice, mains, sugar, cipally hemp, copra, sugar and tobacco; the imports are cotton goods, from and steel cipally hemp, copra, sugar and tobacco; the fingest are cotton goods, from and steel cipal manufactures are cigars and ciparation; of the former pse,000,000 were made in 1913, and 2013, and 2014 of the former pse,000,000 were made in 1913, and 2014, and 2014 of the former pse,000,000 were made in 1913, and 2014, and 2014 of the former pse,000,000 were made in 1913, and 2014 of the former pse,000,000 were made in 1913, and ciparation of the former pse,000,000 were made in 1913, and 1914 of the former pse,000,000 were made in 1913, and 1914 of the former pse,000,000 were made in 1914 of the 1914 of the former pse,000,000 were made in 1914 of the 1914 of t

The growth of the trade of the Philippines is shown below.

IMPORTS INTO PHILIPPINE

From Other

		Countaires.	
1900 1905 1909 1910 1911 1912 1913 1914 1915	\$1,656,462 5,839,512 4,656,178 10,798,589 19,818,841 20,791,433 25,384,793 28,571,821 22,394,381	\$18,944,967 25,049,536 23,098,304 26,269,041 30,014,881 33,755,547 30,680,658 27,439,749 23,085,480	\$20,601,436 30,879,048 27,794,482 37,067,630 49,833,722 54,549,980 56,065,451 56,011,570 44,479,861
	EXPORTS 1	FROM PHILIPPI	NES.
Year	To U.S.	To Other Countries.	Total.

Year To U.S. Countries. Total 57 (561.56) 190 (51.561.56) 150

Communications.—In 1994, there were 64 miles of railway in operation. In 1994 there were 1,66 miles of first-class hard-surfaced roads, and 7,85 miles of first-class hard-surfaced roads, 30 miles of 1994. The 1994 the 1

Towns.—Capital, Manila, in the island of Luson; estimated population, 25,000. The next largest towns are Cebu (about 60,000) and Holic (about 50,000); there are several others with populations from 25,000 to 40,000.

CITARE

Guera, the largest of the Ladrone or Marianus Ilanda in the North Pacific Ocean, lies in x 2 or N. lat. and xxx 2 or Z. long., st a distance of of the Philippine islands, and forms a maximal station between that dependency and the United States. The area of the bind of the Chilippine islands, and of the bind of the bind of the control


the island. The island was discovered by the Portuguese navigator Magellan in Mar, and was occupied by Spain from 1688 to 1898, being ceded 1908. Formal occupation was made by a gunboat of the U.S. on x Feb., x899. A plateau occupies most of the northern portion, and in the south is a range of hills, with the highest peak in Jumullong Mangloo (x, 280 feet). Only a small part of the island is cultivated, although the available land is fertile and the climate favourable. Coco-Capital, Agans. Port of entry, Apra. Governor, Capt. William J. Maxwell, U.S.N.

Porto Rico (Rich Harbor) is a large island of the Greater Antilles group in the West Indies, and lies between xy 50'-18' 30' N. lat. and 65' 60'-60' x5' W. long., with a total area of 3,436 sylare miles and a population of x,xx8,cxx at the census of xyro. Almost all the inhabitants are Roman Catholics. The island is about roo by Christopher Columbus in 1493, and was occu-pied by Spain from 1508 to 1808, in which year it was captured by the United States, by whom it was formally occupied on 18 Oct., 1898. Included in the annexation are the islands of Vicques (about 100 square miles), Culebra (30 square miles), and several islets. A range of mountains, with a greatest elevation of 3,800 feet, crosses Porto Rico from west to east, and the island is generally the standard of the control of the co The imports from the United States in 1912-13 were valued at \$33.155.005, in 1913-14, at \$32.578,368, and in 1914-15 at \$30.929,831. The exports to the United States were valued in

being the House of Delegates, of 35 members, Governor (1913-1917), Arthur Yager.

Tutuils, the largest of the U.S. group, has an area of about 40 square miles and a population of 5,250, and contains a magnificent harbor at

The flag of the U.S. was hoisted on Wake Island in 1899, and other islands in the Pacific have been annexed from time to time, including Johnston, Gallego, Starbuck, Penrhyn, Palmyra, Washington, Fauning, and Christmas; Howland and Baker; Gardner, Medway, Marcus, and

The first suggestion for a canal across the The first suggestion for a can'll across the Isthmus of Panama was made by a Spanish engineer in 1530, and surveys were actively engaged upon by various private companies between the years 1325 and 1390. In 1396 a concession for the construction of a can'l was granted to a French promotion corporation, held at Paris in May, 1879, over which Ferdinand de Lesseps presided. This congress advised the construction of a canal at sea-level, and in 1881 the work was undertaken by the Universal the Leisepa was nomined head. After two years of preparatory work, the first excavation was made on so Jan., 188s. The an ort of work to be accomplished proved to be greater than was was carried on more emberrassing. Sickness, interference of local officials, and mismanage-ment by the administration in Paris, resulted in the failure of the company, and a receiver was appointed in 185s. Under direction of the carry on the work and after a work of the

istimus of Tehuantepec and the Atrato River. Actual construction, by an American company, of a canal across Nicaragua was begun in 1890, and abandoned in 1892, when the comp my failed for lack of funds. The failure of this company influenced the United States Government to inneenced the United States Government of take an active interest, and a commission was appointed in 1805 to make further studies and investigations. As a result of these investigations, the Congress of the United States authorized the President in 1902 to purchase the territory inrough which the canal was to be constructed. The failure of the Colombian Government to ratify this treaty led to the secession of Panama on 3 Nov., 1903. The new Government was immediately recognized by



the United States, and a treaty was signed on 26 Feb., 1904, in which rights of sovereignty over a strip of land ten miles in width, extending States. The canal is built through the centre of

Two years were spent by the United States Government in sanitation, the assembling of force has varied from 700 on 4 May, 1904, 17,000 in 1906, 29,000 in 1907, to 50,000 in 1913. At its Caribbean Sea. The total cost is estimated at \$275.000.000, including, in addition to the canal

is from 200 to 1.000 feet wide at bottom. The sea-level varies from 85 feet in some parts of Gatun Lake to 4x feet in the Atlantic entrance.

this lake. The surface of the lake is normally

over 100,000,000 yards. The total excavation for cavated in the dry and the balance by dredges. The amount of concrete used in the locks is

The administration and construction of the composed of six members, and by an administra-

page 250 of this volume.

From New Y	ork to Va	rious Poi	
	Via	Via	V4A
	anama.		Cape Town.
Yokohama	9,995 (a)	13,566	_
Manila	11,548 (a)	11,589	-
Hong Kong	11,691 (a)	11,673	-
Melbourne	10,392	x3,385	13,162
Sydney	9,811	13,960	13,742
Wellington	8,851	14.441 (0)	14,333
Colon	1.981		-
Valparaiso	4,630(b)	-	_
San Francisco	5,299	-	
Puget Sound	6,074	-	

(a) Viå San Francisco. (b) Viå Strait of Magellan 8,667. (c) Viå Strait of Magellan 11,344. New York to Honolulu 400 miles longer than by San Francisco and Great Circle.

Via	Via	Via
Panama.	Suez	Cape Town.
Colon 4,720(a)		_
Colon 5,034(b)		-
Valparaiso 7,369 (g)		-
Sydney12,406(0)	12,036	12,040
Wellingtonz,a6z	12,949	13,853
Melbourne 12,749 (d)	xx,46x	- X2,355
Yokohama12,197(e)	11,640	
Yokohama 13,330(f)		-
Manila 14,300 (8)	0.677	7

(a) Péd Jamaica. (b) Véd New York. (c) Véd Tahiti (d) Péd Wellington. (e) Véd San Francisco. (f) Vé Honolulu. (g) Liverpool to Valparaiso véd Strait o

Salary

19 Jan., 1919

and Superintendent of

STATE GOVERNMENTS.

- Office.

ALABAMA-CAPITAL MONTGOMERY.

Auditor	M. C. Allgood	430000	29 0 40., 1919	5,000
	M. C. Augood	4 years	19 Jan., 1919	3,000
Treasurer	W. L. Lancaster	4 years	19 Jan., 1919	3,000
Commissioner Agriculture	J. A. Wade	4 years	19 Jan., 1919	3,000
Superintendent of Education	William F. Feagin	4 years	19 Jan., 1919	3,000
	All above officials Democrats.			
	A (TERRITORY)—CAPITAL, J			
Governor	John F. A. Strong	4 vears		\$5,000
Surveyor-General and ex-officio				
Secretary	Charles E. Davidson	4 vears		4,000
	Both above officials Democrats.		,	.,
	Dotte and to chiciano Democration			
A	RIZONA-CAPITAL, PHOENI	X.		
Governor	George W. P. Hunt	2 years	Jan., 1917	\$4,000
Secretary of State	Sidney P. Osborn	2 years	Jan., 1917	
Treasurer	Mitt Sims	z Years	Jan., 1917	3,500
Auditor	J. C. Callaghan			3,000
Attorney-General	Wiley E. Jones	z years	Jan., 1917	3,000
Accorney-General		a hears	Jan., 1917	2,500
	All above officials Democrats.			
ADV	ANSAS-CAPITAL, LITTLE B	0.037		
Governor	George W. Hays	2 years	Jan., 1917	\$4,000
Secretary of State	Earl W. Hodges	2 years	Jan., 1917	2,250
Auditor	L. L. Coffman	2 years	Jan., 1917	2,250
Treasurer	Rufus G. McDaniel	2 years	Jan., 1917 !	2,250
Attorney-General	Wm. L. Moose	a years	Jan., 1917	2,500
Land Commissioner	Wm. B. Owen	z years	Jan., 1917	1,8co
Supt. Education	George B. Cook	z years	Jan., 1917	1,800 i
	· All above officials Democrats.			
CALI	FORNIA-CAPITAL, SACRAM	ENTO,		
Governor	Hiram W. Johnson	4 years	Jan., 1919	\$10,000
Lieutenant-Governor	John M. Eshleman	4 years	Jan., 1919	4,000
	Frank C. Jordan	4 years	Jan., 1919	5,000
	A. B. Nve	4 Vears	Jan., 1919	5,000
	Friend W. Richardson	4 years	Jan., 1919	5,000
Attorney-General	U. S. Webb	4 years	Jan., 1919	6,000
Surveyor-General.	William S. Kingsbury	4 years	Jan., 1919	5,000
Supt. Public Instruction	Edward Hyatt	4 years	Jan., 1919	5,000
	es, except Secretary of State, Re			
Public Instruction, elected on a	es, except secretary or state, in	shiromore,	and Supermoon	additio of
20 6 20 0	OLORADO-CAPITAL, DENVE	R.		
Governor	George A. Carlson	2 Years	Jan., 1917	\$5,000
	Moses E. Lewis	z vears	Jan., 1917	1,000
Secretary of State	John E. Ramer	2 years	Jan., 1917	4.000
Auditor	H. E. Mulnix	2 years	Jan., 1917	4,000
Treasurer	Allison Stocker	2 Years	Jan., 1917	6,000
Attorney-General	J. Fred Farrar	2 years	Jan., 1917	5,000
Supt. Public Instruction	Mary C. C. Bradford	2 Vears	Jan., 1917	3,000
	icans excent Attorney-General		erintendent a	

CONNE	CTICHT.	CAPTTAL	HARTFORD.

CON	NECTICUT-CAPITAL, HARTI	OKD.		
Governor	Marcus H. Holcomb	2 years	Jan., 1917	\$5,000
Lieutenant-Governor	Clifford B. Wilson	2 years	Jan., 1917	1,500
Secretary of State	Charles D. Burnes	2 years	Jan., 1917	1,500
	Morris C. Webster	2 years	Jan., 1917 t	I,500
Treasurer	Frederick S. Chamberlain	2 years	Jan., 1917	1,500
Attorney-General	George E. Hinman	4 years	Jan., 1919 1	5,000
	All shove officials Republicans.			

DELAWARE-CAPITAL, DOVER.

Office.	Name.	Term.	Term ends.	Salary.
Governor	Charles R. Miller	4 years	Jan., 1917	0
Lieutenant-Governor	Colen Ferguson	4 years	Jan., 1917	\$4,000
Secretary of State	Thomas W. Miller	4 years	Jan., 1917	
Auditor	Charles J. Luff	2 Years	Jun., 1917	4,000
Treasurer	William f Comin	2 years	Jan., 1917	1,200
1 teasurer Comment	William J. Swain	2 years	Jan., 1917	2,000
Attorney-General	Wm. R. McCabe	4 years	Jan., 1917	2,500
Insurance Commissioner			Jan., 1917	1,500
All above officials Republican	ns except Lieutenant-Governor,	Attorney-	General and In	surance
Commissioner.				
* The Lieut	enant-Governor receives \$5 a day	for 60 da	ys.	
	DISTRICT OF COLUMBIA.			
Commissioner	Oliver P. Newman	2 years	June, 1016	\$5,000
Commissioner	Louis Bronlow	2 VASTS	June, 1916	5,000
Commissioner	Louis Bronlow LieutCol. Chester Harding	Detailed	-	5,000
Commissioners and	pointed by the President without	moonand to	malition	
			pontacs.	
	ORIDA-CAPITAL, TALLAHA	SEE.		
Governor	Park M. Trammell	A years	Jan., 1917	\$5,000
Secretary of State	Park M. Trammell	A VEST	Jan., 1917	2,000
Controller	W. V. Knott J. C. Luning	4 Vears	Jan., 1917	3,500
Treasurer	J. C. Laning	4 Veers	Jan., 1917	
Attorney-General	Thomas F West	4 years	Jan., 1917	2,000
Conmissioner Agriculture	Thomas F. West	4 years	Jan., 1917	3,500
Supt. Public Instruction	W. N. Sheats	2 years	Jan., 1917	2,000
Outer a none tractaction		4 years	Jan., 1917	3,500
	All above officials Democrats.			
	EORGIA-CAPITAL, ATLANT	ra.		
Governor	N. E. Harris	2 years	June, 1917	\$5,000
Secretary of State	Philip Cook	2 years	June, 1917	2,000
Controller	William A. Wright	2 years	June, 1917	2,000
Treasurer	W. J. Speer	2 Vears	June, 1917	2,500
Attorney-General	Clifford Walker	z years	June, 1917	2,500
Commissioner Agriculture	J. D. Price	2 years	June, 1917	2,000
Supt. Public Instruction	M. L. Brittain	a years	June, 1917	2,500
	All above officials Democrats.			,,,,,,,,
HAWA	II (TERRITORY)-CAPITAL,	HONOT HT	т	
Carren on .	(T. T. Transfer	TOHOLOL		
Governor	L. E. Pinknam	4 years	Dec., 1917	\$7,000
Governor Secretary of Territory	Wade W. Thayer	4 years	Dec., 1917	4,000
	Both officials Democrats.			
	IDAHO-CAPITAL, BOISE.			
Governor	Moses Alexander		/ T	
Lieutenant-Governor	Herman H Taylor	a years	Jan., 1917	\$5,000
Secretary of State	Herman H. Taylor	2 years	Jan., 1917	
Anditor	Prod Y Womston	= years	Jan., 1917	3,000
Auditor	Fred. L. Houston John W. Eagleson	2 years	Jan., 1917	3,000
Attornor Compani	John W. Kagteson	2 years	Jan., 1917	4,000
Attorney-General			Jan., 1917	4,000
Supt. Public Instruction		2 years	Jan., 1917	2,400
All above of	ficials Republicans, except Gover	nor. Demo	crat.	
* The Lieu	tenant-Governor receives \$5 a da	y for 60 ds	ys.	
	LINOIS-CAPITAL, SPRINGFI			
			12	
Governor	Edward F. Dunne		Jan., 1917	
Lieutenant-Governor	Barratt O'Hara	4 years	Jan., 1917	2,500
Secretary of State	L. G. Stevenson	4 years	Jan., 1917	7,500
Auditor	James J. Brady	4 years	Jan., 1917	7,500
Treasurer	Andrew Russell	2 years	Jan., 1917	10,000
Attorney-General	Patrick J. Lucey	4 years	Jan., 1917	7:500
Attorney-General Treasu	rer Republican, other officials De	emocrats.		1.00
INI	DIANA-CAPITAL, INDIANAP	OT.TS		
	Commel M. Deleter	OMAIO.		
Governor	Samuel M. Ralston	4 years	Jan., 1917	\$8,000
Lieutenant-Governor	W. P. O'Neill	4 years	Jan., 1917	1,000
Secretary of State		2 years	Nov., 1916	6,500
Auditor	Dale J. Crittenberger	2 years	Nov., 1016	7,500
Treasurer	George F. Bittler	2 Years	Feb., 1917	7,500
Attorney-General		z years	Jan., 1917	7,500
	All above officials Democrats.			, ,,500
	an wood omelais Democrats.			

IOWA-CAPITAL, DES MOINES.

Office.	Name.	Term.	_ Term ends.	Salary.
Governor	George W. Clarke	2 years	Jan., 1917	\$6,800
Lieutenant-Governor	W. L. Harding	2 years	Jan., 1917	2,000
Lieutenant-Governor Secretary of State	William S. Allen	2 years	Jan., 2917	3,600
Auditor	Frank S. Shaw	z years	Jan., 1917	3,600
Treasurer	Frank S. Shaw W. C. Brown	2 years	Jan., 1917	3,600
Attorney-General		2 years	Jan., 1917	5,000
	All above officials Republicans,			
	KANSAS-CAPITAL, TOPEKA			
Governor	Arthur Capper	2 years	Jan., 1917	\$5,000
Lieutenant-Governor	William Y. Morgan	2 years	Jan., 1917	*
Secretary of State	J. T. Botkin	2 years	Jan., 1917	2,500
Auditor	Tarl Alcono	2 years	Jan., 1917 Jan., 1917	2,500 3,600
Attorney-General	S. M. Brewster Carey J. Wilson W. D. Ross W. R. Smith	2 years	Jan., 1917	2,500
Insurance Commissioner	Carev J. Wilson	z years	Jan., 1917	2,500
Supt. Public Instruction	W. D. Ross	2 years	Jan., 1917	2,500
State Printer	W. R. Smith	2 years	Jan., 1917	2,500
	or receives \$6 a day during the:		the Legislature	e.
KEI	TUCKY-CAPITAL, FRANKF	ORT.		
Governor	Augustus O. Stanley	4 years	Dec., 1919	\$6,500
Lieutenant-Governor	- Black	4 years	Dec., 1919 f.	
Secretary of State	Barksdale Hamlett	4 years	Dec., 1919	3,000
Auditor	Robert L. Greene	4 years	Dec., 1919	3,600
Treasurer	Sherman Goodpaster	4 years	Dec., 1919	3,600
Attorney-General	M. M. Logan	4 years	Dec., 1919	4,000
# The Tientenant Cover	nor receives \$5 a day during the	speciane of	the Lorielatur	
	SIANA-CAPITAL, BATON R		one Degistaetti	
Governor	Luther E. Hall		April, 1916	\$5,000
Lieutenant-Governor	Thomas C. Barret	4 years	April, 1916 April, 1916	1,500 5,000
Auditor	Paul Capdevielle	4 years	April ror6	5,000
Auditor Treasurer	Ledoux Smith	4 years	April, 1916 April, 1916	4,000
Attorney-General	Robert G. Pleasant	4 Years	May, ror6	5,000
Supt. Public Education	T. H. Harris	4 years	May, 1916 May, 1916	5,000
	MAINE-CAPITAL, AUGUSTA			
Governor	Oakley C. Curtis	2 years	Jan., 1917	\$3,000
	John E. Bunker	2 years	Jan., 1917	3,000
Treasurer	John E. Bunker	2 years	Jan., 1917	2,000
Attorney-General	William R. Pattangall	2 years	Jan., 1917	4,000
Auditor	J. Edward Sullivan	2 years	Jan., 1917	2,500
All above officials Democrats			T	
The Secretary of State, Trea	surer and Attorney-General are e	elected by	ine Legislature	
MA	RYLAND—CAPITAL, ANNAPO			
Governor	Emerson S. Harrington	4 years	Jan., 1920	\$4,500
Secretary of State	- 1 1 25 35 TO	4 years	Jan., 1920	2,000
Controller	Hugh A. McMullen	2 years	Jan., 1918 Jan., 1920	2,500
Attorney-General	Albert C. Ritchie Murray Vandiver	4 years	Feb., 1916	2,500
All above officials Democrati	. The Secretary of State is to b	e annointe	d by the Gover	nor.
MAG	SACHUSETTS-CAPITAL, BOS	TON	,	
	Samuel W. McCall	z year	Ton sees	\$8,000
Governor	Calvin Coolidge	r year	Jan., 1917	2,000
Lieutenant-Governor Secretary Commonwealth	A P Tanotre	I Year	Jan., 1917	5,000
Attorney General	A. P. Langtry	r year	Jan., 1917	5,000
Anditor		z year	Jan., 1917	5,000
Attorney-General Auditor Treasurer	Charles L. Burrill	z year	Jan., 1917	5,000
	All above officials Republicans.			
	MICHIGAN-CAPITAL, LANS			
Governor	Woodbridge N. Ferris	2 Years	Jan., 1917	\$5,000
Governor	Luren D. Dickinson	2 Years	Jan., 1917	800
	Coleman C. Vaughn	2 years	Jan., 1917	2,500
Secretary of State	0. B. Fuller	2 years	Jan., 1917	=3,000
Treasurer	J. W. Haarer	2 years	Jan., 1917 Jan., 1917	\$,500 5,000
Attorney-General	O. B. Fuller	or Democ	ret.	2,000
All above off	ciais Acpunicans, except Govern			-

MINNESOTA-CAPITAL, ST. PAUL.

Governor					
	Office.	. Name.	Term.	Term ends.	Salary.
Secretary of State	Lieutenant-Governor Secretary of State Auditor Treasurer Attorney-General	J. A. A. Burnquist Julius A. Schmahl. Jacob A. O. Preuss Walter J. Smith Lyndon A. Smith	z years z years z years z years z years	Jan., 1917 Jan., 1917 Jan., 1917 Jan., 1917 Jan., 1917	\$7,000 2,000 3,500 4,200 3,500 4,800

MISSISSIPPI-CAPITAL, JACKSON,

Governor	Theodore G. Bilbo	4 years	Jan., 1920	
Lieutenant-Governor	Lee M. Kussell	4 years	Jan., 1920 Jan., 1920	
Auditor	Buncen Thompson	4 YOURS	Jan., 1920	
Treasurer	J. P. Taylor	4 years	Jan., 1920	3,000
Attorney-General	Ross A. Collins	4 years	Jan., 1920	2,500
Land Commissioner	- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 years	Jan., 1920	1,800

All above officials Democrats.

* The Lieutenant-Governor receives \$500 for regular sessions of the Legislature and \$6 a day for special sessions.

MISSOURI-CAPITAL, JEFFERSON CITY

Lieutenant-Governor	Elliott W. Major	4 years	Jan., 1917	*1,000
Secretary of State	Cornelius Roach	4 years	Jan., 1917	3,000
	Edward P. Deal		Jan., 1917	3,000
Auditor	John P. Gordon	4 years	Jan., 1917	3,000
Attorney-General	All above officials Democrats.	1 4 years	1 3411., 1917	3,000

* The Lieutenant-Governor receives \$7 a day additional during the sessions of the Legislature.

MONTANA_CAPITAL MELENA

MUNTANA—UAPITAL, HELENA.					
Governor	Samuel V. Stewart	4 years	Jan., 1917	\$5,000	
Lieutenant-Governor			Jan., 1917	*	
Secretary of State	A. M. Alderson	4 years	Jan., 1917	3,000	
Auditor and Ins. Com			Jan., 1917		
Treasurer			Jan., 1917		
Attorney-General	D. M. Kelley	1 4 years	Jan., 1917	3,000	

* The Lieutenant-Governor receives Sto a day during the sessions of the Legislature.

ornor reserves who is only maxing time acco

NEBRASKA-CAPITAL, LINCOLN,					
Governor	John H. Morehead	z years }	Jan., 1917 .	.: \$2,500	
Lieutenant-Governor	James Pearson	2 years	Jan., 1917 .	1,200	
Secretary of State	Charles W. Pool	z years	Jan., 1917 .	2,000	
Auditor	William H. Smith	2 years	Jan., rory :	2,500	
Treasurer	George E. Hall	z years	Jan., 1917 .	2,500	
Attorney-General	Willis E. Reed	z years	Jan., 1917 .	2,000	
Land Commissioner	Frederick Beekman	2 Years	Jan., 1917 .	2,000	
Supt. Public Instruction	A. O. Thomas	2 years	Jan., 1917 .	2,000	
All above officials Democra	its, except Land Commissioner	and Supe	rintendent	of Public	

STREET, CARRELL STREET, CONT.

NEVADA—CAPITAL, CARSON CITY.					
Governor	Emmett D. Boyle	4 years!	Jan., 1019		\$4,000
Lieutenant-Governor	Maurice J. Sullivan	4 years	Jan., 1919		1,80
Secretary of State	George Brodigan	4 years	Jan., 1919		2,40
Controller	George A. Cole	4 years	Jan., 1919		2,40
Treasurer	Edward Malley	4 Years	Jan., 1919		2,40
Attorney-General	George B. Thatcher	4 years	Jan., 1919		2,00
Surveyor-General					
Supt. Public Institution	John E. Bray	4 years	Jan., 1919		2,00
State Printer	Joseph Farnsworth	4 years	Jau., 1919		2,00

NEW HAMPSHIRE_CAPITAL CONCORD

Wan	DAMESDIAL-UARTIAL, UUN	GOWD.		
Governor	Rolland H. Spaulding	2 years	Jan., 1917 [\$3,000
Treasurer	John W. Plummer	2 years	Jan., 1917	2,500

All above officials Republicans. The Secretary of State and Treasurer are elected by the

NEW JERSEY-CAPITAL, TRENTON.

Office.	Name,	Term.	Term ends.	Salary.
				-
Governor	James F. Fielder	3 years	Jan., 1917	\$10,000
Secretary of State	Thomas F. Martin Edward I. Edwards	5 years	1 April, 1917	6,000
Controller	Edward I. Edwards	3 years	20 Feb., 1917	6,000
Treasurer	Edward E. Grosscup	3 years	11 Feb., 1916	6,000
Attorney-General	John W. Wescott	5 years 5 years	April, 1917	7,000
Supt. Public Instruction	Calvin N. Kendall	5 years	July, 1916	10,000
All above officials are De	mocrats, except the Superintend	ent of Publ	lic Instruction	
NEV	WEXICO-CAPITAL, SANTA	FE.		
Governor	William C. McDonald	4 years	Jan., 1917	\$5,000
Lieutenant-Governor	E. C. de Baca	4 years -	Jan., 1917	-
Secretary of State	A. J. Lucero	4 years	Jan., 1917	3,000
Treasurer	P. W. Clancy	4 years	Jan., 1917	3,000
Attorney-General	F. W. Clancy	4 years	Jan., 1917	4,000
Auditor	W. G. Sargent	4 years	Jan., 1917	3,000
Supt. Public Instruction	Alvan N. White	4 years	Jan., 1917	3,000
All above officials are Democ	rats, except the Attorney-Genera or receives S10 a day during the	il and Audi sessions of	itor, Republica the Legislatur	ns. e.
	EW YORK-CAPITAL, ALBAN			
			Yen	·
Governor	Charles S. Whitman	2 years		\$10,000
Lieutenant-Governor	Edward Schoeneck	2 years	Jan., 1917	5,000
Secretary of State	Francis M. Hugo Eugene M. Travis James L. Wells Egburt E. Woodbury Frank M. Williams	2 years 2 years	Jan., 1917	8,000
Controller	Eugene M. Travis	2 years	Jan., 1917 Jan., 1917	6,000
Treasurer	James L. Wells			10,000
Attorney-General	Egourt E. Woodbury	2 years 2 years	Jan., 1917 Jan., 1917	8,000
State Engineer	Frank M. Williams	2 years	Jan., 1917	0,000
	All above officials Republicans.			
NORT	H CAROLINA-CAPITAL, RAI	LEIGH.		
	Locke Craig	4 years	Jan., 1917	\$6,000
Governor	E I. Danghtridge	4 years	Jan., 1917	*
Secretary of State	T Reven Crimes	A VERIE	Jan., 1917	3,500
Auditor	J. Bryan Grimes William P. Wood	4 years	Jan., 1917	3,000
Treasurer	B. R. Lacy T. W. Bickett	4 years	Jan., 1917	3,500
Attorney-General	T W Bickett	4 years	Jan., 1917	3,000
* The Lieutenant-Gover	nor receives \$6 a day during the	seasions of	the Legislatur	e.
	TH DAKOTA-CAPITAL, BISM	ARCK.		
Governor	L. B. Hanna	2 years	Jan., 1917	\$5,000
Lientenant-Governor	John H. Fraine	2 years	Jan., 1917	1,000
Secretary of State	Thomas Hall	2 years	Jan., 1917	3,000
Auditor	Carl O. Jorgenson	2 years	Jan., 1917	3,000
Treasurer	Tohn Steen	2 years	Jan., 1917	3,000
Attorney-General	Henry J. Linde	2 years	Jan., 1917	3,600
Insurance Commissioner	W. C. Taylor	2 years	Jan., 1917	3,000
Supt. Public Instruction		2 years	Jan., 1917	3,000
Com. of Agr. and Labor		z years	Jan., 1917	3,000
Court of 11811 and marrie 1111111	All above officials Kepublicans			
	OHIO-CAPITAL, COLUMBUS	5.		100
Governor	Frank B. Willis'	z years	Jan., 1917	\$10,000
Lieutenant-General	John H. Arnold	2 years	Jan., 1917	1,500
Secretary of State	Charles Q. Hildebrant	2 years	Jan., 1917	6,500
Auditor	A V Bonshey	2 years	Jan., 1917	6,500
		2 years	Jan., 1917	6,500
Attorney-General	Edward E. Turner	2 Years	Jan., 1917	6,500
All above o	Edward E. Turner flicials Republicans, except Audit	or, Democ		
OKTA	HOMA-CAPITAL, OKLAHOMA	A CITY.		
	R. L. Williams	I A years	Jan., 1919	\$5,000
Governor	M. E. Trapp	4 years	Jan., 1919	
Lieutenant-Governor		A vears	Jan., 1919	
Secretary of State	E. B. Howard	4 years	Jan., 1919	2,500
Auditor			Jan., 1019	4,000
Attorney-General	N. F. Freeing	4 years	Jan., 1919	3,000
Treasurer	D W Wilson	4 Years	Jan., 1919	
Supt. Public Instruction	W. L. Alexander R. H. Wilson All above officials Democrats.			
	All above outclass Delinocration			

Office.

OREGON-CAPITAL, SALEM.

Term ends.

Governor	James Withycombe	4 years	Jan., 1919	\$5,000			
Secretary of State	B. W. Olcott	4 years	Jan., 1919	4,500			
Treasurer	T. B. Kay	4 years	Jan., 1919	4,500			
Attorney-General	George M. Brown	4 years	Jan., 1919	3,600			
Supt. Public Instruction	J. A. Churchill	4 years	Jan., rorg	3,600			
Com. of Labor Statistics	O. P. Hoff	4 years	Jan., 1919	2,000			
	All above officials Republicans.						
PENNS	PENNSYLVANIA-CAPITAL, HARRISBURG.						
	Martin O. Downhamph						
Governor	Martin G. Brumbaugh Frank B. McClain William N. McNair	4 years	Jan., 1919	\$10,000			
Lieutenant-Governor	Frank B. McClain	4 years	Jan., 1919	5,000			
Secretary of Int. Affairs	William N. McNair	4 years	Jan., 1919	8,000			
Secretary of Commonwealth	Cyrus E. Woods	4 years	Jan., 1919	8,000			
Attorney-General	Francis Shunk Brown	4 years	May, 1919				
Auditor-General	Archibald W. Powell	4 years	May, 1917	8,000			
	Robert K. Young		May, 1917				
All above officials Republica	ns; the Auditor-General and Tre	easurer, ele	cted in 1912, v	ere also			
on the Washington, or Progressiv	re, ticket. The Secretary of the (Commonwe	alth and the A	ttorney-			
General are to be appointed by t	re, ticket. The Secretary of the (he Governor.						
	E ISLAND-CAPITAL, PROVI						
			_	_			
Governor	R. Livingston Beekman	2 years	Jan., 1917	\$3,000			
Lieutenant-Governor	Emory J. San Souci	2 years	Jan., 1917	500			
Secretary of State	J. Fred Parker	2 years	Jan., 1917	4,500			
Treasurer	Walter A. Read	2 Years	Jan., 1917	4,000			
Attorney-General	Herbert A. Rice.,	2 Years	Jan., 1917	4,500			
	Herbert A. Rice						
SOUT	H CAROLINA-CAPITAL, COL						
			T				
Governor,	Richard I. Manning	2 years	Jan., 1917	\$3,000			
Lieutenant-Governor	R. M. McCown	2 years	Jan., 1917	400			
Secretary of State	A M Towns		Jan., 1917	1,950			
Controller-General	A. W. Jones S. T. Carter	2 years	Jan., 1917	, x,950			
Treasurer	S. I. Garter	2 years	Jan., 1917	I,950			
Supt. Public Instruction	John E. Swearingen	z years	Jan., 1917	1,950			
Attorney-General	Thomas H. Peeple	1 2 years	Jan., 1917	1,950			
	All above officials Democrats.						
S01	JTH DAKOTA-CAPITAL, PIE	RRE,		4. 0			
Governor	Frank M. Byrne	z years	Jan., 1917				
Lieutenant-Governor	Peter Norbeck	2 years	Jan., 1917	43,000			
Secretary of State	Peter Norbeck Frank M. Rood	a years	Jan., 1917	1.800			
Auditor	J. E. Handlin	2 years	Jan., 1917	1,800			
Treasurer	A. W. Ewart	2 years	Jan., 1917	1,800			
Attorney, General	C. C. Caldwell	2 years	Jan., 1917	1,000			
Supt. Public Instruction	Charles H. Lugg	z years	Jan., 1917	I,800			
Com. Pub. Lands	Fred. Hepperle	z years	Jan., 1917	1,800			
COLUMN ACCOUNTS	All above officials Republicans.	- 3		1,000			
* The Lieutenant-Govern	or receives S10 a day during the	sessions of	the Legislatur	A.			
	NNESSEE-CAPITAL NASHVI		eno Degianicas				
				-			
Governor	Thomas C. Rye		Jan., 1917	\$4,000			
Secretary of State	R. R. Sneed	4 years	March, 1917	3,500			
Controller	John B. Thomason	2 years	March, 1917	3,500			
Attorney-General	Porter Dunlap	2 Years	March, 1917	4,000			
	Frank M. Thompson	8 years	Aug., 1919	3,500			
All above officials Democra	its. Officials other than Governo	r elected b	y the Legislatu	re.			
	TEXAS-CAPITAL, AUSTIN.						
· Cl	Tames V Personen		Y				
Governor	James E. Ferguson	a years	Jan., 1917	\$4,000			
Lieutenant-Governor	Yohn C. McVon	2 years	Jan., 1917				
Secretary of State	Wonny P Townell	z years	Jan., 1917	2,000			
Controller	John G. McKay Henry B. Terrell J. M. Edwards	z years	Jan., 1917	2,500			
Treasurer	D P Looper	2 years	Jan., 1917	2,500			
Attorney-General	B. F. Looney	2 years	Jan., 1917	4,000			
Land Commissioner	Fred W. Davis	a years	Jan., 1917	2,500			
Commis. or Agriculture		2 years	Jan., 1917	2,500			
	All above officials Democrats.						
The Lieutenant-Governor	receives \$5 a day during the sess	sions of the	Legislature.	The			
Secreta	ry of State is appointed by the G						

UTAH-CAPITAL, SALT LAKE CITY.

Office.	Name.	Term.	Term ends.	Sulary.
Governor	Lincoln G. Kelly Jesse D. Jewkes Albert R. Barnes	4 years 4 years 4 years 4 years 4 years	Jan. 1917 Jan. 1917 Jan. 1917 Jan. 1917 Jan. 1917 Jan. 1917	3,000 2,500 4,000

VERMONI-CAPITAL, MUNIFELIER,				
	Charles W. Gates Hale K. Darling			
Auditor	Guy W. Bailey	2 years	Jan. 1917 .	2,700
	Walter Scott Herbert G. Barber			
	All shows officials Popublishes	230000	· van. 1917 .	2,500

The Lieutenant-Governor receives \$6 a day during the session of the Legislature,

VIRGINIA_CAPITAL PICUMOND

Governor Henry C, Stuart. Lieutenant-Governor J, Taylor Ellyson, Secretary of Commonwealth B, O, James Treasurer Attorney-General John G, Pollard Supt. Public Instruction George W, Koiner-All above officials	4 years		

THACHTMOMON CARTEST OF WHITE

WASHINGTON-CAPITAL, ULYMPIA,					
Governor	Ernest Lister	4 years	Jan., 1917	\$6,000	
Lieutenant-Governor	Louis F. Hart :	4 years	Jan., 1917	1,200	
Secretary of State	I. M. Howell	4 years		3,000	
Treasurer	Polymond Month	4 years		3,000	
Attorney-General	W V Tannos		Jan., 1917 Jan., 1917	3,00	
Land Commissioner	C. W. Savidoe	A VERTS	Jan., rorz	2.00	
Supt. of Schools	Josephine C. Preston	4 years	Jan., 1017	3,00	

An above omerais Republicans, except Governor, Demo

	VIRGINIA-CAPITAL, CHAR			
Governor Scoretary of State Auditor Treasurer Attorney-General Superintendent Schools	Stuart F. Roed John S. Darst B. Leslie Long A. A. Lilly	4 years 4 years 4 years	March, 1917 March, 1917 March, 1917 March, 1917	4,50 4,50 2,50

WISCONSIN-CAPITAL, MADISON.

GOVERNOR	Emanuel L. Philipp	2 years	6 Jan., 1917	\$5,00
Lieutenant-Governor	Edward F. Dithmar	2 Vears	6 Jan., 1017	T 00
Secretary of State	John S. Donald	2 Vears	6 Jan. rorg	.E 00
Freasurer	Henry Johnson	2 Years	6 Jan., 1917	5.00
Attorney-General	Walter C. Owen	zyears	6 Jan., 1917	5.00

ore ometing are publication. The occionity of these

WYOMING-CAPITAL, CHEYENNE,							
Governor	J. B. Kendrick	4 vears	Jan., roro	\$4.000			
Secretary of State and Lieut.							
Governor	F. L. Houx	4 years	Jan., 1919	3,000			
Auditor	Robert Forsythe	4 years	Jan., roro	2,000			
	F. L. Thompson	4 Vears	Jan., roro	2 000			
Supt. Public Instruction	E. K. O. Clark	4 years	Jan., rorg	3,000			
All above officials Democr							

PASSPORT REGULATIONS.

Rules governing the granting and issuing of passports in the United States:

1. By Whom Issuer and Refusal to Issue.—No one but the Secretary of State may grant and issue passports the United States (Rovied Statettes, sections 4079, 4078), and he is empowered to refuse them in his

discretion.

Passions are not issued by American diplomatic and consular officers abroad, except in case of emergency; and a citizen who is abroad and desires to procure a passport must apply therefor through the nearest diplomatic or consults officer to the Secretary of State.

Applications for passports by persons in Porto Rico et the Philippines should be made to effective required of such applicants is the same as that required of such applicants is the same as that required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the required of such applicants in the same as the

experience in the United states.

2. Frt.—For act of Congress approved March 2, 1882, a fee of one deliar is required to be collected for every existent assaurch. The act of Congress approved March 2, 1882, a fee of one deliar is required to be collected for every existence of the congress of State. Dark or checks will good be accepted.

of State. Distance or enecas will not be accepted.

3. Arricarioss.—A person who is entitled to receive a passport, if within the United States, must make a written application, in the form of an affidavit, to the Secretary of State. The application must be made by the person to whom the passport is to be issued and signed by him, as it is not competent for one person to

The additional must be attested by an officer authorized to administer caths, and if he has an official seal it must be affixed. If he has no seal his official character must be authenticated by certificate of the proper

regai omeer.

If the applicant signs by mark, two attesting witnesses to his signature are required. The applicant is required to state the date and place of his birth, his occupation, the place of his permanent residence and within what length of time he will return to the United States with the purpose of residing and performing

The applicant must care the eath of allegianes to the Government of the United States. The application must be accompanied by a deveragion of the person applying, and should state the following portroitars, viz. 4,8c, — years; stature, — feet, — inches [English measure]; forehead, —; eyes, —; now, —, month, —; chin, —; hair, —; complexion, —; feet, — The applicable must be accompanied by a certificate from all least one credible witness that the applicant is the person her presents imment to be, and that the fact stated in the similarit are true to the best of the state of the control
The spinosition mine he accompanies by a certifician from a final fone endulate written that the applicant is the power he represents their to be, and that the naise stated in the endidard are true to to be said of the second of the power of the endidard region of the second of the

from at least two credible witnesses having good means of knowledge in substantiation of his statements birth, residence, and lorally and the statements.

WOODROW WILSON.

some in the party a security parsent will be required. A sometily passent may factured her minor children and servant under the aboven named continuous. The term several does it includes a greenuse, state, pourly companion, or person holding like relations to the angulant for a passent.

2. Trans.—Privatesismal and other little will not lit instead in passport.

2. Trans.—Private in the private passent in the second passent passent in the private passent days to apply for present, but are not furnished, except as sunyles, to those who make a business of prounting passports, and the private passent p

Section 4075 of the Revised Statutes of the United States, as amended by the act of Congress, approved June 24, 1902, provides that "the Secretary of State may great and issue passports, and cause passports to be granted, issued, and verified in foreign countries by such diplomatics or consular officers of the United States, granted, insued, and verified in foreign countries by such dipolested constructions of the Unified States, and under another many the such circle of the executive officer of the insular possionization of the United States, and under another and the such circle of the such such such as the foreign of the such such as accordingly prescribed for the issuing and granting of passports in the United States.

The Sporting of State is subtracted to wake regulations on the subject of granting and lening passports and the such such as the subtraction of the subject of granting and lening passports.

THE WHITE HOUSE, March 10, 1913.

Norm.—An applicant who expects to go to Russia accompanied by wife and children should inform the department to that effect and state the names of the wife and children so that they may be inserted in the passport, to conform with the Russan regulations.

All American citizens who go should should carry American passports.

American citizens who go should should carry American passports.

American citizens are ordired on to visit unnecessarily countries at war.

It is especially important that naturalized American citizens refrain from visiting their countries of origin

To specially important that naturalized American citizens refrain from visiting their countries of origin

Department of State, Washington, August 22, 322

Emergency purposes and the clearless by Ameliana and the control of the control of the control of the clear of the control of

receipts will be sent by mail or telegraph to the enthese, legition, or combine in which the possible appearance of the property of the proper

must measurely self-forth the full limit, personal response to the properties of the personal
The World's Crops.

THE WORLD'S WHEAT CROPS PRODUC		(In millions of quarters of 480 lb.)		
(In millions of quarters of 480 lb.)		84	esson, rors.	· Beason, rgz.
	Actual)	Russia	Estimated.)	(Actual.)
U.S.A 120	IXI	Germany	45	47
Russia 210	100	Austria	73	77
India 48	40	Hungary	5	. 4'9.
Canada 34	20	U.S.A	. 5	5
France 31	39	France		. 5
Italy 22	21	Other smaller Producers.	35'5	30.x
Hungary	13		220	200
Argentina 21 Germany (say) 19	14		220	200
Spain 18	14			
Rumania	6	THE WORLD'S MAIZE	CROPS PR	ODUCTION.
United Kingdom 9	. 8	(In millions of qu		
Austria (883) 8	7	+ Seas	on, rors.	Season, 191 (Actual.)
Australasia4	14	U.S. A		311
Other smaller Producers 52	35	Argentina	30	35
530 -	460	Hungary	22	20
337		Italy		17 X8
The Yndian Argentine and Australia	account of	Rumania	13	X X X
The Indian, Argentine, and Australia are harvested in Jan., Feb., and March	: other	Mexico	13	9
countries, June-Sept.		Egypt		. 9
		Smaller Producers	17	24
			_	
THE WORLD'S BARLEY CROPS PRODUC	TION.		485	440
(In millions of quarters of 400 lb.))			
Senson 2025. Sea	ISON TOTAL	THE PRINCIPAL IMPORT	ERS OF	WHEAT AN
	Actual)	' WHEAT		
Russia 6g	53			-0 .0 11 -
U.S.A 28	23	(Expressed in millions of		OI 486 ID. C
India	16			Zangon zaza-za
Japan II	11	Imports, Season Aug.	r-July 31,	Aug. 1-July 3
Spain	8	United Kingdom	26	37
Austria 8	IO	Italy	2 ,	5'7
United Kingdom 6	27	Germany	0'4	9.x
Canada 6	4	Belgium	3.	6'4
France	. 5	Holland	3.8	7.5
Other smaller Producers (say) 26 (say) 25'3	Smaller Importing)		1.
		European Countries	8	32
197	187	Extra-European)	6	
-		Countries)		
			62'8	80'7
THE WORLD'S OATS CROPS PRODUCT	TON.		02.8	00 7
(In millions of quarters of to4 lb.)				
		THE PRINCIPAL EXPORT		HEAT AND
Season, rgrg. Sea (Estimated.)	son, 1914. (ctual.)	(Expressed in millions		
U.S.A 161	121	(Expressed in initions)		8 OI 480 ID.
Russia 116				Season, 1913-24
Germany 60	94 66	Exports, Seaso Aug.	r-July 31.	Aug.z-July 3z
Canada 54	35	U.S.A	38.2	20'2
France 27 United Kingdom 22	34	Argentina	11'5	5'5
United Kingdom 22 Austria-Hungary 26	28 0		10'5	25'3
Argentina 5'5	7		0'2	31.7
Denmark 5'5	5		0.3	276
Sweden 8	5'5	Australasia	0.3	8.3
Belgium —	5	Sundry smaller Export-	2	0.0
Sundry smaller Producers 41	35'5	ing Countries		0 9
526	457		Sere	82.0

Foreign Countries.

ABYSSINIA.

(Ethiopia.)

Gallas, negro tribes on the west and south fron-

Abysinia is an independent kingdom in north- i Abysinian highlands. A railroad is being built stem Africa, with a total area estimated at under French amplice from Jibuti to the capital, so con to 200,000 square miles and a total population of from 7,000,000 to 8,000,000, of whom distance thereof. Horses, mules, donleys, distance thereof. Morses, mules, conkeys, oxen, godist, and sheep, and camels in the low-lands, form a large portion of the wealth of the people. Emperor, Lij Eyasu, Negus Negus Negus of Ethiopia, born 1897, succeeded his grandfather

CAPITAL, Adis Ababa, Population, so.coo.

AFGHANISTAN.

doos feet. There are three great river basins, the Oxus, the Helmand, and the Kabui. The climate is dry, with extreme temperatures in winter and summer.

Amir of Afghanistan and its Dependencies.— Habibullah Khan (Siraj-ul-millat-wad-din: "Lamp of the Nation and Religion"), born July, 1872, succeeded his father (Abdur Rahman Khan) 3 Oct., 1901. The Amir has five sons and four brothers.

CAPITAL, Kabul, Population, 150,000.

ALBANIA.

Since the date of the Treaty the claims of Serbla

ARGENTINE REPUBLIC.

President (1912-1916), Victorino de la Plaza\$96,000 | President, 1913-1916), Victorino de la Plaza So Vice-President, Dr. Benito Villanueva ... 34 Minister of the Interior, Dr. Miguel S. Ortiz. Foreign Afairs, Dr. Jose Luis Murature. Finance, Dr. Francisco J. Oliver.

Justice and Public Instruction, Dr. Carlos S.

Agriculture, Dr. Horacio Calderon, Public Works, Dr. M. Moyano. War, General Angel P. Alleria.

prising in an about 1,122,000 square miles, with a population of 7,122,603 in 1910. The constitution is modelled on that of the U.S. of America. The government has enjoyed considerable stability since 1890.

and horses. There were in 1914 29,500,000 cattle,

There were (1914) 21.880 miles of railroad open

Congress sits annually from a May to 30 Sept .. and consists of a Senate of 30 members (2 from one-third being renewable every 3 years; and of a Chamber of Deputies of 120 members, elected by the people for 4 years, and one hair renewable every 2 years. Senators must be citizens of 6 years' standing, 30 years of age, and with an one exceeding \$2.000 per annum; Deputies must be citizens of 4 years' standing and 25 years of age. Members of Congress receive

sory on all citizens between the ages of 20 and 45: (a) for 10 years in the Active Army, with 3-12 months initial training, and subsequent trainings ized Army Expenditure in 1914 was \$15,000,000.

Two Dreadnought battleships (Moreno and Rivadavia) of 28,000 tons (22 % knots, 12 12-inch Authorized Naval Expenditure in 1914 was \$12,000,000. The naval port is Bahia Blanca.

the capital, where there is a National Council), an average attendance of 6,000. There are also Special Government Schools-r payal, r mili-

evenue(paper)	\$393,230,500
xpenditure	1014.
otal exports	348,254,140 45,179,080
xports to U.S	45,123,988

The Metric System is compulsory.

The currency unit is the Peso of xoo Centavos,

version Law of 1800 a gold standard has been

44 gold. The gold peso = 96 1/2 cents (96,47). The paper peso = 421/2 cents (42,44).

American. U.S. Envoy Extraordinary and Minister Pleni-potentiary (634 Charcas, Buenos Aires), Frederic Jesup Stimson\$x7,500

Buenos Aires (C.-G.), Wm. H. Robertson ... \$8,000

Envoy Extraordinary and Minister Plenipoten-ticary (1728, 20th Street, Washington, D.C.), Romulo S. Naon,

THE AUSTRO-HUNGARIAN MONARCHY. (Oesterreichisch-Ungarische Monarchie-Osztrak-Magyar Monarchia.)

Drates:	(og. mines).	горшаноц.	
Austrian Empire	115,874	128,571,934	
Kingdom of Hungary	125,395	20,886,487	
Territories:			
Bosnia and Herzegovina	19,760	1,931,802	
Total	261,029	51,300,223	

of Austria) 2 Dec., 1848; crowned King of Hungary at Buda, June 8, 1869; married 24 April, 1854, Elizabeth, daughter of Maximilian Joseph, Duke in Eavaria (born 24 Dec., 1837, assassanted in Geneva 10 Sept., 1893), and has issue 2 daughters.

Archduke Otho Francis Joseph), Charles Francis Joseph, born 17 Aug., 1887.

Minister of Foreign Affairs and of the Imperial and Royal House, Baron Stephan Burian.

Minister of Finance, Minister of War, Feldzeugmeister Alexander, Ritter von Krobatin. Navy (department of War Office), Commander,

tinent of Europe, situated between 42°-51° N. lat. and 9° 30'-26° 20' E. long. It embraces an

area of \$75,887 sg. kilometres, and a population (1970) of learly \$5,340,5603.

The Austro-Hungarian Monarchy consists of two States, the Empire of Austria and the Kingdom of Hungary, and of the provinces Bosnia and Herzegovina. Each of the States has its own Constitution and Parlament, and for 1867. According to the Constitutional Union 1867. According to the Constitutional Union foreign affairs and the greater part of war affairs (Army and Navy), together with the finances concerning them, are dealt with by common ministries. The control of the official each consisting of 60 members, of whom 20 are chosen from the Upper House of Austria (Herren-haus) and of Hungary (Förendinåz), and 40 from the Lower House of Austria (Abgeord-

1913) at \$124,833,785, towards which the Customs revenue contributed \$41,188,365, leaving \$83,645,420 to be covered by the matricular contributions of Austria and Hungary.

ngland. In connexion with the Ausgleich-Kiegyezés the

measures, and a joint bank of issue. In the same way as the quota agreement, this union is The Union was so renewed in 1877, 1887 and 1907. In 1807, no agreement having been attained, the Union was provisorily maintained.

The principal exports are sugar and confectionery, timber and woodwork, eggs, coal and and metals, coal and fuel, raw wool, machinery, hides and skins, cereals, ooffee, raw silk, leather, tobacco, and books. The total value of mer-chandize imported in 1912 was \$730,466,710; the exports being valued at \$500,906,965.

Army.—Re-organized 1912-13. Three distinct organizations, (a) Common Army (incl. forces raised in Bosuia-Herzegovina); (b) Austrian Landuchr and [Landsturm]; (c) Hungarian Honved and [Landsturm]. In each the period 18.079 ours, 5.444 outchis, 34,843 outers; Boonia-Herzégorina, 400 offirs, 6,132 others; Aut. Lond-wehr, 3,559 offirs, 1,328 officials, 45,669 others; Hung, Honwed, 3,479 offirs, 1,486 officials, 33,68 others, Budgets (1912), Active Army, 583,726,465; Londwehr, 51,452,449; Honved, \$13,356,665, pixel large extry, credits during 1912 and 1913.

13 battleships (3 building), 3 armored cruisers, 9 cruisers (3 building), 12 destroyers (6 building), 6 torpedo-boats (8 building), 6 sub-Dreshnoughts will displace ageos tons and carry ten aging man, the original suggestion for an armanent of eight zgch, and sixteen gydin, normalized to the control of the control of the mentically replace the three of Monrach class (1895—1896) and the Habbury (1901), whose com-bined displacement is inst han that of one of the new hips. The control of the control of the videa also for the construction of fast cruisers and destroyers, to cost See, goo-go in all. Pola is the naval areas.

EDUCATION.

Austria.—(1). Primary: Age 6-22, 23, 07 44; five and comp. (6) pp. ca. attend). Schools unstitution by local taxation. State grants exceptional. (ii). Secondary: Control of Transactions (8-yrs. course) and realsolution (-yrs. course) prepare for the Universities and Govrt. technical articles as prescribed standard quality for multary service as yrv. voluntees. (iii). Special 58 Govrt. engineering. 7 Govrt. agricultural. 2 statutes, commercial, art, music, and industrial schools. (4'). Universities: State-maintained. Grocow, Georgoutt, Gras, Insabutes, Lemberg.

Hungay—Primary: Free and comp. Malntained by local taxation. Fefance School (numtons), with nursing staffic aces 3-8. Leavered and the staffic aces 3-8. Leavered School (number of the staffic aces 3-8. Leaveter) and the staffic aces and the staffic aces and for local staffic aces and the staffic aces and the staffic for local staffic aces and the polytechnic (II). Species (Sobola are less numerous than in Austria, but well attended. (Iv.) State Uniterview Rudspead, Debream, Pramiports and the staffic aces and the staffic aces and the State Uniterview Rudspead, Debream, Pramigray there is an extraordinary diversity of language—in the former, Gennan, Cach, and

BOSNIA AND HERZEGOVINA

IL-AUSTRIA

President of the Council, Dr. von Bilinski. Justice, Dr. Viktor R. v. Hochenburger.

Agriculture, Dr. Karl Freiherr Heinold von Udynski.
Agriculture, Dr. Franz Zenker.
Commerce, Dr. Rudolf Schuster Edler von

Bonnott.

Bonnot

von Heinlein.
Railways, Dr. Zdenko Freiherr von Forster.
Public Works, Otto Trnka.

Defence, General der Infanterie Friedrich, E Georgi. Without Portfolio Ladislas von Dingosz.

Austria contains an area of genes su, blicmetres, and a population of \$8,47,86 (1900). The Central Government of the Empire is conducted by the Reicharsth, consisting of an Upper (Herrenhaus) and Lower Hosse (Abge-Lower Austria, Upper Austria, Salburg, Styrie or Steienmark, Carinthia or Khruten, Carmiolo Y Krain, Coat District (Jarini, Gortz and Jiradisca, Frietch, Tyrol, Yorathery, Bohemia, and Austria (1900). The Control of the Control of the matte, act possessing a separate Diet (Landtage, and also sending representatives to the Rechts, rath. Of the linhalitants, here were in 1900, 0.17,544 Germans, 5,955,397 Bohemians and Moravans, 432,463 Poles, 3,955,207 Ruthentans, Moravans, 432,463 Poles, 3,955,207 Ruthentans, Boman, Greek and Armenian Catholics, 697,000 Greek of the Country. In addition to Vienna Heps are seven cities with lover non,000 linhali-

PRODUCTION AND INDUSTRY.

The principal industry is agriculture, in which 13,700,000 were employed in 13,000; trade and manufactures accounting for, about 9,600,000, while mining occupied 538,85g. The chief products are grain, cereals, white 6,545,27 hecto-flucts are grain, cereals, white 6,545,27 hecto-flucts are grain, cereals, white 6,545,27 hecto-flucts are producted by the following the control of t

TRANSPORTATION.

Radroads.—In 1914 14,300 miles of railroad were open and working, of which 11,000 were owned or worked by the State, and 3,300 owned and worked by companies. 240,000,000 passengers and 170,000,000 tons of freight were carried in 1910, the receipts being 960,000,000 crowns and

Rivers and Canals.—In 1914 the length of for vessels and canals exceeded 4,000 miles for vessels and rafts, 900 miles being unvigable for steamers, which ply to the number of about 340 on the Danube and Elbe.

340 on the Danube and Elbe.

Posts and Telegraphs.—There were 9,085 post
offices in Austria (1913), the letters numbering
990,000,000, postal cards 590,000,000, and newspapers, &c., 300,000,000. There were 7,039 telegraph offices with 30,000 miles of line and
49,000 miles of wire. Telephones are in full

operation and are extensively used.

Shipping.—In 1912 the mercantile marine of
Austria consisted of 394 steamers of 422,266 tons,
and 16,379 sailing vessels of 48,884 tons. In 1912
157,113 vessels (25,556,314 tons) entered and
159,122 vessels (25,556,882 tons) cleared at Austrian ports, over 90 per cent. being under this

Capital, Vienna. Population (1910), 2,031,498.

III.-HUNGARY.

President of the Ministry and Minister of the Interior, Stephen Count Tisza. Minister a latere,

Minister a morre, Finance, Johann de Teleszky. Instruction and Religion, Dr. Béla de Jankovicl Commerce, Johann Baron Harkány.

Agriculture, Baron Ghillányi. Justice, Dr. Eugen de Balogh.

National Defence, Feldmarschalleutnant Samuel Baron Hazai. Minister for Croatia and Slavonia, Dr. Theodor

Minister for Croatia and Slavonia, Dr. Theodor Count Pejácsevich. Hungary, with its dependent states, has an

Hungary, with its dependent states, has area of 34,85r sq. kilometres, about reg,430 sq. miles, with a population of 20,886,487 at the census of 150 pc; to this Croatia and Slavonia contribute 26,215g. The country is divided into 72 counties with 474 districts for those of into 32 counties with 474 districts for those of the migrary. Hungarian is the official language, except in Croadia and Slavonia, where

an annexe of the Crown of Hungary, with autonomy in home affairs, justice, and public instruction. At the head of the Croatian Govern-The Croatian Diet sends 43 members to the Hungarian Parliament, and the Hungarian

Railroads.-The total length of lines open and working in 1913 was 14,512 miles, of which 11,222 were owned and worked, or leased and worked, by the State.

Rivers and Canals.—Over 3,000 miles of rivers and canals are available for transport and 2,000

Posts and Telegraphs.—There were 6,489 post

Of the inhabitants in 1910, 10,050,575 were Hungarians, 2,949,032 Roumanians, 2,037,435 Germans, 2,967,970 Slovaks, 1,833,162 Croatians, and 1,106,471 Servians. By religions (1910) there were xo,888,338 Roman Catholics, 2,025,425 Greek Catholics, 2,986,874 Orthodox Greeks, x,340,795 Lutherans, z,62x,50x Calvinists, and 93x,406 Jews. In addition to Budapest, which had, in zoro, 88x,60x inhabitants, there are ten cities with over 50,000 inhabitants.

cattle, s,350 000 horses, 8,550,000 sheep, and 7,580,000 pigs. The chief mineral products are

greater source of income. Salt is a Government

evenue, 1913-14: Ordinary	2080 var 60
Extraordinary	49,689,56
Total	643x,835,2x
zpenditurs\$	\$358,704,46 ,126,450,00
Imports	1914. \$573,580,00
Exports to U.S.	22,718,25
The Fortune of the State, 1911, was 8	,855,386,00

CAPITAL, Budapest. Population, 1910, 881,601.

The standard coin of Austria-Hungary is the krone (korona) or crown of roo heller = 201/3 cents (2,000 crowns = \$203). The Metric system

American.

American Ambassador (IV., Wohllebenstrasse, 9, Vienna), Frederic Courtland Penfield (1913)\$17,500

Secretary of Embassy, U. Grant Smith ... 3,000 and Secretary, Sheldon L. Crosby 2,000 Military Attaché, Capt. Allan L. Brigos.

Carlsbad, Wallace J. Young \$3,000
Prague, Charles D. Hoover.
Reichenberg, Nicholas J. Sunder \$4,000
Trieste, Ralph C. Busser.
Vienna (C.-G.), Albert Halstead \$6,000
Vice-Consul, R. W. Heingartner. Budapest (C.-G.), Wm. Coffin 4,500 Vice-Consul, Louis G. Dreyfus.

Fiume, Benjamin F. Chase 3,500 Austro-Hungarian. A.-H. Ambassador (1304, 18th Street, Washing-

ton, D.C.), (vacant),

Counselor of Embassy, Baron Erich Zwiedenek

von Sudenhorst.

and Secretary, Stephan Hedry de Hedri et de Genere Aba.

There are Consuls-General at New York and

BELGIUM.

King, Albert, born 8 April, 1875; succeeded his | Premier and Minister for War, Baron de Broqueing, Albert, bornt a April, 1875; nuccess under, Leopold II., 17 Dec., 1999; nucr. Oct., 1990, the Duchess Elizabeth in Bavaria, and has issue two sons, (1) the Heir Apparent; (2) Charles Theodore, b. 10 Oct., 1993; and a daughter, Marie-José, b. 4 Aug., 2906. diet Apparent, II.H. Prince Leopold, Duke of Brabant, born 3 Nov., 1991.

ville.

Justice, M. H. Carton de Wiart.
Foreign Affairs, M. J. Davignon.
Interior, M. Paul Berryer.
Minister of Science and Arts, M. P. Poullet.

Railways, M. A. Van de Vyvere. Marinc, Posts and Telegraphs, M. P. Segers.

A Kingdom of Central Es turope, with a total area of 11,372 square miles and a population (at the census of rgool of 7,556-530.

There are nine provinces: Antwerp, Brabant, Flanders (E. and W.), Hains at Liège, Limburg, Luxemburg, and Namur. BEUSSES, pop. 1970. shows are famous; and Liège (174.768). Its great harbour and commercial entrepot is Antwerp, a strongly fortified city on the Schelde. The

in 1830, signed by Austria, France, Great Britain,

provincial councils) and 166 representatives are with plural voting up to three votes by property and educational qualifications, was introduced by the Electoral Law of 1894, proportional representation being secured by an Act of 1900. There are in addition representative Provincial and Communal Councils, elected on a somewhat more liberal franchisa.

what more liberal franchise, Belgium has a frontier of 83x miles, and is bounded on the north and east by the Nether-lands (268 miles), on the south and west by France (38x miles), on the east by Germany (60

to somewhere about 350,000. Belgium has no Antwerp is the principal fortress, and

Liège and Namur are also fortified, forming Germany. On the and Aug., 1914, this neutrality

largely predominating. There are 134 State high schools, including 44 for girls, and numerous private institutions. Special schools abound.

tors), in addition to which there were agging finding boats. In gars, and foreign reasils entered at Belgian ports (connage 14,47,101). In 1721 there were 4,721 killometres of railways private lines rested by the State); the telegraphs had a length of 1,793 killometres (1721), and the post-office carried 178,000,000 belters, 123,000,000 pote, cards, while 2 and 0,000 belters were sent in 1211. The navigable rivers and suffered to 1721 the 1

	1912-13.
Estimated revenue	
Estimated expenditure	
Public debt (31 Dec.)	747,826,60
Imports (excl. Transit)	956,60x,87
Exports ,, s,	790,295,71
Imports from U.S	1914. 151,819,89

CAPITAL, Brussels. Pop. (1912), 195,630; with

The Metric System of Weights and Measures is in general use, the "Systeme Usuel" being obsolete. The Monetary Unit is the franc of

U.S. Envoy Extraordinary and Minister Plenipotentiary (33, Rue de la Science, Brussels), Brand Whitlock (1913). Siz.coo Secretary of Legation, Hugh S. Gibson 2.625 Commercial Atlaché, Charles W. A. Veditz.

Antwerp (C.-G.), H. W. Diederich \$5,500 Vice-Consul-General, H. T. Sherman.

Brussels (C.-G.), E. Watts
Vice-Consul-General, C. R. Nasmith.

Boma, Congo (C.G.) (vacant) Vice-Consul-General, Harry A. McBride.

Belgian. Belgian Envoy (2011 Massachusetts Avenue, Washington, D.C.), E. Havenith.

Secretary of Legation, Charles Symon.
There are Consuls-General at New York and

THE COLONY OF THE CONGO. (Congo Belge.)

Area and Population.-The total area amounts total European population (Jan., 1912) was 5,465, of whom 379 were British, 48 Americans.

along the banks of the Congo River and its prin-cipal tributaries) of a country in other respects lation. However, the disease seems to have attained its highest point of severity, and in several districts is decreasing. By law of 18 Oct., 1908, the Independent State of the Congo (founded in 1882 by the late King Leopold II.) was annexed by Belgium, and is administered

The exports consist mainly of rubber (threegrow wild, and coffee, cacao, and tobacco have 20.451.250 francs; expenditure, st.036.000 francs; imports (1912), 53,867,847 francs; exports (1912), 59,125,394 francs. There is a permanent Exposition of Congo products at Tervueren, a suburb

Transportation .- The river is navigable for which have been avoided by a railroad s40 miles which have been avoided by a railross up mines in length. There is also a second line, 60-centi-meter gauge, from Boma to the Mayumbe country. The Great Lakes Railway has a line from Stanleyville to Ponthierville, Se miles, and another line from Kindu to Kongolo, aco miles

another due from kindu to Aongolo, soo miles (total length of raifroads open 800 miles). A line of telegraph is open to Coquilhatville (total length of telegraph lines 2,000 miles).

The capital is Boma (pop. 3,500), other towns being Matadi (4,000), Banana, Elizabethville, Stanleyville and Leopoldville.

BOLIVIA.

President, Dr. Ismail Montes (1912-1917). Foreign Affairs, Dr. J. Cupertino Arteaga. War & Colonies, Dr. Nestor Gutierrez. Justice & Industry, Dr. Placido Sanchez. Interior, Dr. Claudio Pinilla. Finance, Dr. Casto Rojas. Education & Agriculture, Dr. Carlos Calvo.

The Republic of Bolivia extends between lat. 8° and a3° S. and long. 57° 30° and 73° W., and its area is about 567,498 square miles, with a population in spir estimated at 2,200,000. The

tin, gold, eliver, and copper are its principal ex-ports; its chief imports being fron, cotton and woolen goods, hardware, and silks.

Puno. The principal line is the Antofagas a and Bolivia railroad (729 miles). It is expected to be completed by the end of 1925, when it will connect with the steamers on the rivers Beni, Mamoré, and other tributaries. A line from

pursory, but is commen to the nunepartners, who are the controlling authorities; \$1,336 pupils were enrolled in 1922. Secondary education reaches only about 1,500 pupils; for higher education there are university colleges, special schools and technical institutes.

for 60 to 90 days,

THE JUDICATURE.

and rico-omnoons	
	1914.
Estimated revenue	\$10,526,495
Estimated Expenditure	10.262,800
Interior debt (30 June, 1914)	Bs. 5,298,846
Exterior debt (1 Jan. 1915)	\$ 0,552,500
Exports	39,838,950
Imports	22,776,180
Imports from U.S.	I,145,555
Exports to U.S.	. , ,,,,,,,,,

SHAT OF GOVERNMENT, La Paz. Pop. 80.000.

WEIGHTS, MEASURES AND CURRENCY

centaros, worth (legal value) 3873 cents. or 257-\$1, the actual exchange being 5-to 6 per cent.

American. U.S. Envoy Extray. & Minister Plenipotentiary
(La Paz), John D. O'Rear (1912)...........\$10,000
Secretary of Legation, Percy Belden ... 2,000

Rollinian Envoy (1633, 16th Street, Washington,

Secretary of Legation, Manuel B. Ballivian, ir.

BRAZIL.

President (1910-1914, Marshal Hermes Rodrigues da Fonseca, born 12 May, 1855. Foreign Affairs, Dr. Lauro Miller.

Communications and Public Works, Dr. José G.

Agriculture, Dr. Pedro Toledo.

Finance, Dr. Rivadavia Correa. War, General V. G. de Albuquerque é Silva.

Brazil, the most extensive State of South ariani, me most extensive State of South America, extends between lat. 4° 21° N. and 32° 45° S. and long. 32° 40° and 72° 15° W., and comprises an area of 3.298 870° square miles, with a population estimated at 21.890,000, of with a population estimated at 21.890,000, of the extreme south towards the interior the land

The Navy (1913) consisted of 3 Dreadnoughts,

The minerals are very considerable and valu-

Minas, São Paulo, and Esperito Santo. Tobacco there were in 1908 no fewer than 1,541 industrial establishments, including 161 cotton-mills, giving employment to 45,042 hands, and representing an invested capital of \$70,000,000. The enor-1887, 1893, 1896, and 1906.

In December, 1912, there were 15,445 miles of Length of telegraph wires in 1913, 39,506 miles.

	1914.	1915.
Gold	\$73,640,000	\$64,950,000
Paper	119,620,000	129,620,000
Estimated Expenditure	B: 1914:	2025.
Gold	\$53,701,760	\$39,937,000
Paper	145,257,820	94,715,500
External debt (3x Dec.,		517,851,900
Internal debt (31 Dec.,	1913)	233,794,200
	1013.	1914.
Total imports	\$335,828,750	\$174,892,500
Total exports	. 325,201,100	232,500,000
Imports from U.S		29,963,914
Exports to U.S	120,155,855	101,329,073
WEIGHTS, MEASUE	RES, AND CU	RRENCY.
em and a continuous		

1'093 inches. 2'430 yards. 285'235 yards. 2'296 miles. 3'889 miles. t Legoa z square Vara z square Braça z Geira : z Oitavo..... '380 gallon. r'1004 bushels. 1'523 bushels. '614 pint.

z Onca = 442'687 Tr. grains. r'ous lb. av. z Arroba = 3a'379 lb. av. z Quintal (100 Arratel) = 101.186 lb. av.

The Currency is nominally metallic, but almost entirely paper, in denominations of reis. 1,000 reis (milrels) gold being of the value of \$0.54.6. and 1,000 reis paper \$0'32,42 upwards; the reis-tion of gold and silver milreis is therefore 27 to

Para, G. W. Plokfeil. Pernambuco, Arminis T. Haeterle, Rio de Janeiro (C.-G.), Alfred L. M. Gottschalk, Vice-Consul-General, Richard P. Momson. Santos, Charles L. Latham.

Consular Agents at Ceará, Manaos, Maranhao, Rio Grande do Sul, and Victoria.

Brazilian.

Brazilian Ambassador (1780, Massachusetts Avenue, Washington, D.C.), Domicio da Counselor, E. L. Chermont.

and Secretary, A. J. de Ipanema Moreira. Commercial Attaché, M. da Costa Barradas; There is a Consul-General at New York.

BULGARIA.

Tsur, Ferdinand, born 26 Feb., 1861; elected 7 July, 1887; proclaimed Tsar 5 Oct., 1908; m., (1) 20 April, 1893, Princess Marie Louise of Bourbon, d. of Robert, Duke of Parma (born 17 Jan., 1870, died 31 Jan., 1899); (2) 28 Feb., 1908, Princess Eléonore of Reuss-Küstritz (b.

Heir Apparent, Boris, Prince of Tirnovo, b. 30 Jan., 1894. President of the Council & Minister of the Interior & Public Health, Dr. V. Radoslavoff.

Public Instruction, P. Pesheff. Justice, Chr. Ivan Poppoff. War, General Fecoff.

War, General recort.
Commerce & Industry, J. Bakaloff.
Agriculture & Lands, Ivan Dintcheff.
Public Works & Communications, D. Petkoff.
Railways, Posts & Telegraphs, D. Apostoloff.
President of the Sobranjé, M. Vatcheff.

The Kingdom of Bujgiria is bounded on the north by Rumania, on the west by Servia and south by Rumania, on the west by Servia and south by the Turkish province of Adrianople and the Ægean Sea. The kingdom is governed by a King and a Council of Ministers, with a single chamber, popular legislature (Sobrand), or National Assembly) and constitutional govern-

roughts was created by the Treaty of Berlin, 72 July, 1958, and in 889 Kaster Roumels was added to the newly created principality. In 1958 the country was declared to be an independent kingdom, the area at that date being 3,000 square miles, with a population of 3,37,500. In 1912-13 a successful was of the Baken Legiste Caster Turkey increased the alter of the king-action Turkey increased the alter of the king-action to the companion of the companion of the Legister Caster
Defense. — The Army on a peace footing numbers 3,000 officers and 62,000 men; increased

to war strength, 340,000. The Navy consists of a torpedo gunboat and a few small steamers.

The exports consist principally of cereals (especially wheat), live stock, essence of roses, and tobacco; the principal imports being textiles, metal goods and machinory, colonial extiles, metal goods and machinory, colonial wares, teather, building materials, petroleum and other oils, paper, salf fish, rice, and coal. The principal towns, with their populations at the

In 1910, 6,820 vessels (1,988,492 tons) entered and there were 2,342 post offices, handling 79,896,000 letters; 374 telegraph offices, the number of dispatches being 2,00,600.

Expenditure Public Debt (r Jan., 1912)	51,212,50
Total Imports	2913. 34,250,00 x8,626,00
Imports from U.S.A	1914. 326,73 308,84

The Usit of Currency is the lev (plural leva) of ros stotinki (the lev = r franc, the stotinka = r centime); 5 leva rr stotinki = \$r.

For U.S. Envoy Extraordinary and Minister

Plenipotentiary, see Serbia.

Bulgarian Minister (1761 N Street, Washington, D.C.). Stephan Panaretoff.

CHILE.

President (1015-1020), J. Luis Sanfuentes \$60.000

Religion and Colonisation. Justice and Public Instruction, Enrique Rod-

A State of South America, of Spanish origin, lying between the Andes and the shores of the South Pacific, extending coastwise from the Rio Sama to Cape Horn south, between lat. 18° 28' and 56° 35' S., and long. 66° 30' and 75° 40' W. Extreme length of coast-line about 2,485 miles. Its extreme length is about 2,800 miles, with an average with a general elevation of 5,000 to 10,000 feet attain the height of 18,000 feet-the highest, estimated at 294,665 square miles, with a population (1912) of about 3,500,000, exclusive of Arauroy, soo. The principal towns, with their estimated populations (1920), are:—Santiago (355,000), Valparaiso (200,000), Conception (62,000), Talca (45,000), Iquique (45,000), Chillas (35,000), and Antofagasta (25,000). The National

Agriculture and mining are the principal 4,500,000 sheep, 500,000 horses, 290,000 goats, and fagasta; the centre, copper and silver; and the south, iron and coal. The nitrate exports in 1911-12 were valued at \$101,250,000. There are 1911-12 were valued at \$507,250,000. There are smelting-works for copper and silver, tanneries, corn and saw mills, starch, soep, biscult, rope-cloth, cheese, furniture, candle, and paper factories, breweries and distilleries; and the domestic industry furnishes cloth, embroideries,

direct with Europe, a passage to Liverpool occupying from 40 days. There are (1913) about 5,008 miles of railway open and 400 miles under The commercial marine numbers (x9x2) 98 steamers (114,887 tons) and 4r sailing vessals (36,33r tons). In 1913, 14,110 vessels of a total tonnage of 26,227,203 entered at Chilian ports.

Defense -All able-hodied male citizens from 20th to 45th year must serve in the militia. The peace effective of the active army is 14,500.
The navy consists of 2 battleships, r armored

Education is free but not compulsory, and a large proportion of the population are still illiterate. There is a State University at San-

volumes	1110	A.melonia.		COLICATA	102,002
, OTHING					2012.
Paranna	CP.	timetol		e-	0 66-
Devend		umate, .		····· ⊅7	8,009,355
Expendi					1,182,715
externa	1 De	Ob			
					8,433,450
22	22	Paper			6,687,045
				12	3,569,180
Exports				14	6,296,625
	fron	n U.S., 10	14		7,432,392
Exports	to I	S TOTA			5,722,128
			Donnlet		

WEIGHTS, MEASURES AND CURRENCY.

The Metric System of Weights and Measures was established in 1865. The Unit of Currency is the peso, and though nominally metallic the the value of \$0.36,5, or 2.73 = \$1; the paper

American.

Chilean.

Chilean Ambassador (1013, 16th Street, Washington, D.C.), Eduardo Suarez-Mujica. First Secretary, Filipe Aninat. Nacal Attacké, Lieut. E. von. Schroeders. There is a Consul-General at New York.

CHINA

Yuan Shih-kai, born 1859. Secretary of State, Hsii Shih-ch'ang.

The Ministry (June, rors) :-Minister of Finance, Chon Hsueh-hst. Foreign Affairs, Lu Cheng-hsiang.

Justice, Chang Tsung Hstang. Interior, Chu Ch'i Ch'ien. Agriculture and Commerce, Chou Tzu-chl. Communications, Liang Tun Yen. Navy, Liu Kuan-Hsiung.

AREA AND	POPULATION.	
Territory.	Square miles.	Population.
China Proper	1,501,000	402,000,000
Manchuria	360,000	11,000,000
Mongolia	1,076,000	3,000,000
	750,000	3,000,000
Eastern Turkestan	600,000	2,000,000

4,287,000

tains an area of over 1,500,000 square miles. Its length from north to south is 1,860 miles, and its

President of the Chinese Republic (1912-1923), 1 to the laws of their own countries. The conled by a long chain of events to the war of 1860. most important. In 1894 China fought a disastrous war with Japan, resulting in the loss of Formosa and the establishment of Corea as an independent state. An abortive attempt was made, in 1898, by the Emperor to introduce made, in 1898, by the Emperor to indoduce administrative reforms, but his reactionary Peking were captured. The Imperial Court fied, and remained in voluntary exile until early in 1002. Meanwhile, a Peace Protocol Ching and the late 11 Hung vnng. This pro-vides for an indemnity of \$325,000,000, to be paid within the next 30 years. Subsequent nego-tiations resulted in a new commercial treaties— (a) between the U.K. and China (5 Sept., 1902); (2) U.S. and China (8 Oct., 1903); and (3) Japan and China (9 Oct., 1903). Under the two last Mukden, Tstungkow, Chang-sha, and Antung in Manchuria, were made Treaty ports.

and Japan in 1905, a Treaty and Additional Agreement relating to Manchuria were entered

cans, 3,176; British, 10,140; Japanese, 65,434 Russians, 49,395 ; Germans, 4,106 ; French, 1,925 portuguese, 3377; Spaniards, 456; French, 1,28; Portuguese, 3377; Spaniards, 400; Italian, 24; Danes, 250; other nationalities, 3,38;; the total being 141,888. Out of a total of 3,29 foreign firms in China 1,60r are Japanese, 6er British, 238 German, 100 American, 110 French, 57 Portu-guese, and 84 Spanish.

Most of these were launched between 1885 and 1902. Of the torpedo boats about half only are about a soc.

Many changes in administration and develop-In 1911, there were 545 foreigners em-

years 1909-1913 is stated as follows, in taels.

Year.	Imports.	Exports.	Total
1913 1912 1912 1909	-418,158,067 462,964,894 471,503,943 473,097,031 570,162,557	338.992,814 380,833,328 377,338,166 370,520,403 403,305,546	757,150,881 843,798,222 848,842,109 843,617,434 973,468,103

Hong Kong	30	Japan U.S.A. Europe (exc. Russia)	
% British .	2-	Russia Other countries Foreign	

RATEROADS,-About 6,500 miles were open in 1 1913, inclusive of the Manchurian lines, while

Tsinghwachen Railroad, 93 miles. (10) Shantung Railroad .- Tsingtau to Tsinan, 245 miles, (11) Wusing, to miles. (b) Nanking City Rastroad, 8 miles. (c) Scatow Chaochow Raifroad, si miles. (c) Laokai to Yunnanju, spr miles. (ts) Trestsen-Pukuya Raifroad, 656 miles. (c) Carton-Kouloon Raifroad, 117 miles. (cs) Sunning Raifroad, Kongmoon to Samkaphoi, 70 miles.

The following lines are under construction:—

(z) Canton to Hankow, 650 miles. About 88 (t) Conton to Lancov, esc mises. About 88 miles open from Canton and 33 miles in Hunan. Whole railroad expected to be completed in 5 years. (s) Szechan-Hankov Railroad.—Chengtu to Hankov, 800 miles. Work now abandoned on this section. (3) Kwangsi Ruilroad. to Amor, 33 miles, for miles completed. (?) Sunning Radroad. Kongyik to Shamkaphoi, vid Sunning, 55 miles. Forty miles south from Kongyik open.

The following lines are contemplated:—
(a) A trunk line from the province of Kansu Kirin to Hunchun, 40 miles. (*) Hailungfu to Kaiyuat, 110 miles. (*) Itungchoʻv to Kung-chulin, 50 miles. (*) Chinchowiu to Aigun. (*) Yangtse Valley: Tsiang-kiangpu northwards to

can ee sent an over the se provinces at a uniform rate of 3 centle per so grammes. The number of Chinese post offices is 5,697; 443,000,000 postal packets and 3,688,000 parcels were handled in zorz. Postage from any part of the U.S. or Territories to Shamphai is at the same rate as

length of land lines in 1912 was 36,320 miles, and gation Co. have a fleet of 3x ships, of an aggregate tonnage of 60,000. In addition, there are a large number of coasting vessels. In 1914 the

Japanese, 25 per cent. Were British, 20 per cent. Japanese, 25 per cent. Chinese, 5 per cent. German, and 2 per cent. French.

May, roof, the Maritime Customs Dent. was

j based upon estimat	05,	
Town.	i Town.	
Peking x,000	,coo Chinkiang	200,000
Cantonx,250	ooo Antung	150,000
Hankow 900	ooo Wuhu	130,000
	ooo Amoy	120,000
Shanghai 700	ooo Wenchow	100,000
	ooo Swatow	90,000
Chungking 600	oso Chefoo	90,000
Suchow 500	ooo Shasi	85,000
Ningpo 450	ooo Ichang	70,000
Hangchew 400	ooo Kongmun	60,000
	ooo Wuchow	.50,000
Changsha 250	ooo Niuchwang	50,000

Weights and	Measures.
r Ts'un (ro Fan)	= 1'41 inches.
r Ch'ih (ro Ts'un)	= x4'x inches.
Chang (ro Ch'ih)	= 141 o inches.
r Yin (zo Chang)	== 117'5 feet.
s Ch'ih	= ro Kung.
Kung	= r'o Chang.
r sq. Chang (r Ching)	== rar'o sq. feet.
rs Ching (r Chüo)	= 1815 o sq. feet.
4 Chüo (r Mou)	= 7260'o sq. feet.
too Mou (x Ch'ing)	= 72600'0 sq. feet.
	= a'o pints.
sheng (ro Ha)	= circ. 20 pints.
r Tou (ro Sheng)	= , circ. roo pints.
r Tael, or Liang	= 1'333 OZ. SV.
t Chin, or Chitty (16 Tael)	= 1'333 lb. av.
Picul, or Tan (100 Chin)	= 133'333 lb. av.

Revenue 1912 \$	191,000,000
Expenditure 1912	191,000,000
Debt 1912	850,000,000
	323,800,000
Imports from U.S., 1914	255,450,000
Exports to U.S., 1914	24,698,734
CAPITAL OF THE CHINESE REPUBL	39,382,978

Population, r.ooc.con.

and the provision of transport animals.

Tiber (area, 750,000 square miles; pop. 2.000,000) borders on British India, q.v. CHINESE TURKESTAN has a total area of

American.

U.S. Envoy Extraordinary and Minister Pleni est Secretary, John Van A. MacMurray

Amou. Lester Maynard\$4,500

"Vec end Deputy do., W. Morton. Mukdon (C.-O.), Percival Heintzieman. Yanking, J. Paul Jameson.

Yanking, J. Paul Jameson.

"Vice and Deputy do., A. W. Gilbert.
Shanghai C.-G., Thomas Sammons.

"Vice and Deputy do., C. B. Gauss, M. P. Perkins, C. M. Bishop, A. Krisel, G. J.

Steaton, George G. Hanson. Tientsin (C.-G.), F. D. Fisher

Chinese Envoy (2001, 19th Street, Washington

COLOMBIA

President (1914-1918), Dr. José Vicente Concha. Interior, Miguel Abadia Mendez. Foreign Affairs, Marco Fidel Suarez.

The Unit of Currency, under a law of 1907, is

Colombian Envoy (1319, K Street, Washington, D.C.), Julio Betancourt.

COSTA RICA.

President (x914-1918), Alfredo Gonzalez Flores.
Minister of Foreign Affairs, Manuel Castro

(1,450,385 tons) entered at Costa Rican ports. About 420 miles of railroad were open in rora

Tions mines of time, Terch	попез, 470 г	mues.
Public income	\$4,599,300 4,930,050 \$7,000,000	1915. \$3,831,500 4,032,412 17,000,000 1,830,000
Total imports	1912. 8,936,675 10,620,535	1913. 8,786,675 10,615,235 3,501,386 3,570,364

President of the Republic (1913-1917), Mario G.

in rgog.

The chief products of the island are tobacco November, 1011, and 5.065 miles of telegraph

November; 1912, and 2503 line (1968). CAPITAL, Havana (ppp. about 297,000); other towns are Santiago (45,000), Matanzas (37,000), Cienfuegos (30,000), Cardenas (24,000), and Cama-

Revenue \$41,828,580

King, Christian X., born 26 Sept., 1870; suc. 14 May, 1912; married, 26 April: 1898, Princess Alexandrine of Mecklenburg-Schwerin, and has

Issue 2 2003. H. H. Frince Frederick (Crown Heir Apparam. Each of Justice, C. T. Zahle. Premier and Minister of Justice, C. T. Zahle. Frence, Dr. Edward Brandes. Frence, Dr. Edward Brandes. Frederick, P. Edward Brandes. Testerior, Over Kode. Defense, Peter Münch. Worship and Edwardin, Sören Kelser-Nielsen.

CUBA.

The Metric System of Weights and Measures

American.

Cuban Envoy, 1529, 18th Street, Washington, D.C.), Dr. Carlos M. de Cespedes.
1st Secretary, Manuel de la Vega-Calderon There is a Consul-General at New York.

DENMARK.

population in xgrx of 2,757,076, nearly one-half of whom live exclusively by agriculture, and

the vote for 1914-15 amounting to Kr. 18,350,484.
The Navy consists of 37 steam vessels (including
4 ironclads), mounting 227 guns, with 1,270 officers and men. Vote, 1914-15, Kr. 9,934,643.

numerous, horticulture and agriculture predomi-nating. The University is at Copenhagen.

Revenue Kr. 114, 175,582 Kr. 123,874,961 356,030,468

The Budget shows an estimated Revenue for

Total imports	
Total exports	
2014.	1
Imports from U.S 15,670,13	5
Exports to U.S 3,269,73	5
The estimated yield from taxation is	
Kr roo ofe foo. The interest on the Public	

Population (rexr).

Railroads.-There were (1011) 2.135 miles of

Posts and Telegraphs .- In rorr-12 there were

in rorr of 553 steamers of 671,828 gross tons and ero sailing vessels of 64,734 net tons. In rgra

CAPITAL, COPENHAGEN (in the Island of Zealand), Population (1911) 462,161 (including

suburbs, 550,000). The urban population is less than 35% of total of the Kingdom. There were in zgrz 6 towns with populations exceeding

Copenhagen	560,000	Vejle	17,500
Aarhuus	61,800	Fredericia	14,550
Odense	42,500	Kolding	14,250
Aalborg	33,500	Elsenor	14,000
Horsens	24,000	Svendborg	13,000
Randers	23,000 .	Nykjöbing	11,000
		Viborg	11,000
Esbjerg	18,500	Slagelse	10,50

The Metric System of Weights and Measures is

cents or 268 kroner = \$100.

U.S. Envoy Extraordinary and Minister Plenipotentiary (Amanegaus, zz, copes Maurice Francis Egan (1907) Secretary of Legation, A. R. Magruder Military Attaché (see Sweden). ...Sx0.000

Danish Envoy (1605, 22nd Street, Washington,

about so oog so, m., total area about 820,000 so. Government monopoly, and 3 islands in the West Indies—St. CROIX, St. THOMAS, and St. JOHN (142 sq. m., pop. 32,786). These latter

DOMINICAN REPUBLIC.

Justice and Education, Jacinto Peynado. Finance and Commerce, Salvador Gautler Agriculture and Immigration, Pedro Mejis.
War and Marine, Pedro Lluveres.
Promotion (Fomento) and Communications,

CAPITAL, Santo Domingo.	Populatio	m, 25,000.
Revenue (\$4.267=£1)	\$5,800,785	\$5,035,250 4,890,210
Imports	12,385,245	1913. \$9,272,276 10,469,945

The Metric System of Weights and Measures

nominally compulsory, but the arroba (ir kilograms) and the quinta (46 kilograms) are still in common use, with the liquid arroba (25

es). The unit of currency is the U.S. goldar.

DIPLOMATIC INTERCOURSE.

American.
U.S. Envoy Extraordinary and Minister Pleninotentiary (Santo Domingo), William W.

San Domingo.

Dominican Envoy (The Champlain, Washington, D.C.), Dr. Enrique Jimenez.

ECUADOR.

President (1912-1916), Leonidas Plaza. Foreign Affairs, Luis N. Dillon. Interior, Dr. Modesto Penaherrera.

Public Instruction, Modesto A. Pefisherrer

A State of South America, extending from lat. "§2 N. 106" 98. Stacowing to the Ecuadorias ("§2 N. 106" 98. Stacowing to the Ecuadorias ("§3 N. 106" 98. Stacowing to the Ecuadorias ("§3 N. 106", compilaine an area of 116, pp. 30. N. 106", compilaine an area of 116, pp. 30. N. 106", compilaine and state of the spanish about 1, pp. 30. Spanish abortigmal Indians, and Mestirose The giant chain of the Anteen and Mestirose ("§4 N. 106"), pp. 30. Spanish ("§5 N

PRODUCTION AND INDUSTRY

He chief products are cooca, vegetable fvory, cotton, coffe, india-rubber, orchils weed, straw hats and hammocia, bark, yams, tobacco, fruits, of gold, quickellwer, lead, row, and copper, emeratia and rubies are occasionally met with, and sulphur is found in many pares. The chief and sulphur is found in many pares. The chief and gold, cinchons bark, Panamas hats, coffee, and castle, A railread connecting Guayamil chief port (population, 1904, about 60, cool); other chief borns being (quito, 55,000; Cuenca, 55,000; and Hibbamba, 120,000. The Galayamye Lidends about 200 miles are susceptible of cultivation.

Revenue (Budget)	\$	1915.
Expenditure ;, Total Debt (z Jan.,	1914)	21,071,200
Imports Exports		\$8,762,500
Imports from U.S Exports to U.S		1914. \$2,967,759 3,595,456

TOWNS.

CAPITAL, QUITO, on the Ecuadorian plateau between the eastern and western condillerss of the Andes, is an old Spanish town, containing a cathedral, the Jesuits' church of remarkable beauty, and many large government buildings.

WEIGHTS, MEASURES AND CURRENCY The Metric System of Weights and Measures

me meant system of weights and measures is compulsory, but some of the Old Spanish measures are still in use. The unit of currency is the gold Condor (of 10 Sucres) of the equivalent value of \$4.57, the Sucre being equal to 23% cents. There is no raner money.

DIPLOMATIC INTERCOURSE

American,

U.S. Envoy Extraordinary and Minister Plenipotentiary (Quito), Charles S. Hartman (1913) \$50,000 Secretary of Legation, H. C. May 2,000

Guayaguil (Consul-General), F. W. Goding 4,500 Vice-Consul-General, Charles F. Baker. Consular Agents at Bahia and Esmeraldas.

Ecuadorian.

Benadorian Envoy and Consul-General (604 Riverside Drive, New York), Dr. Gonzalo S. Córdova.

1st Secretary, S. S. Wither

EGYPT AND THE SUDAN.

EGYPT.

Sullan, His Highness Hussein Kamil, G.C.B., b. ax Nov., 1843; created Sultan of Egypt, 19 Dec., 1914.

Council of Ministers.

Financial Adviser, Lord Edward Cecil, K.C.M.G.

Hussen Rushid Pasha, G.C.M.G., C. Adeiser, Sir Ronald Graham, R.C.M.G., C. Tunting, Abd of Khalek Sannat Roshe.

Justice, Abd el-Khâlek Sarwât Pasha. Adviser, Sir Malcolm McHwraith, K.C.M.G. War and Public Works, Ismail Sirry Pa

K.C.M.G.
Under-Sec. (Public Works), Sir M. MacDonald

Education, Addi Yeghen Pasha.

Adviser, Douglas Dunlop, LL.D.

Evanuer, Vieuf Walden Pasha.

Finance, Yusuf Wahba Pasha.

Under Sec., Mon. R. C. Landsay, M.V.O. General Manager, Govt. Railways, Col. Sir G. Macaulay, K.C.M.G.

Director-Gen. of Customs, A. King-Lewis, C.M.G. Director-Gen. of Ports and Lighthouses, Rear-Admiral H. R. Robinson, R. N.

Postmaster-General, N. T. Borton Pasha. Director-General Survey Dept., E. M. Dowson Foreign Affairs—This Ministry is under th

control of H.M. High Commissioner. Under Sec., Neglb Pasha.

Agriculture, Ahmed Hilmi Pasha.

Waqfs (Pious Foundations), Ibrahim Fatt
Pasha, K.O.M.G.
H.B.M. High Commissioner and Plenipotentiary

gate, G.C.V.O., K.C.B., K.C.M.G., D.S.C AREA AND POPULATION.

Rgypt is a British Protectorate, by Proclamation of 48 December, 1994, and I less in the north-castern corner of the African continent, between α-2 and 19-2 g N and 19-2 g N (1000). The total α-3 and 19-2 g N (1000). The total at the census of 1990 of 11.289,259, of whom 19,550,646 are Experision S. 69,200 Bedoulte, 51,540 and 221,29 foreigners (69,795 Turks, 4,295 French and Turusians, 2,297 Surks, 1990 and Turusians, 2,297 Germans, 2,420 Bressians, and 1,285 Fersians, A time Christians 831,694, Jews 36,625, and other religions 20.

GOVERNMENT.

By framan out 78 Pal., 284, 7 the office of Feli. Or governor.

The present of the state of the present of Multiperson of Multimunicular the title of Khedive, miscough under the title of Khedive, miscough rulers being
limiting (1648), Alban I. (1648-1648), Naul (18481869), Khemil (1659-1894), Twolit (1699-1894), Albert II. (1689-1894), Twolit (1699-1894), Millian (1699-1894), M

Advisor attends the meetings of the Council, but has no vote. There is a Legislative Council of 30 members, and a General Assembly consisting of the Legislative Council, the Council of Council of Ministers, and 45 members elected by the people. These bodies are mainly consultative, the legislative power resting with the Sultan and his Ministers.

LOCAL GOVERNMENT

For the purposes of Local Government, the chief towns (Alexandria, Cairo, Ismaliia and Port Sald, and Suez) constitute governorates (authorized), and the remainder of the occupied country is divided into provinces (mudirias), subdivided into districts (markaz). There are provincial councils, with restricted powers of powers of the country of the cou

JUSTICE.

Justice is administered under four distinct systems, all except the Consular Courts being supervised by the Ministry of Justice, to which supervised by the Ministry of Justice, to which supervised the Court of the Cadis, administering Muhammadan Law follow containing matter and foreign judges, and dealing with criminal charges against natives and with critical containing matter and foreign judges, and dealing principally with criminal charges and which obligations are supervised in 1896, and dealing principally with critical to be tween foreigners of different and (a) Coursiant Courts (of the 18 Fower possessing rights to them by treaty), while criminal jurisdiction over foreigners, and judge entires in the passes of the same houses of the supervised of the

DEFENDE

The Engelian Army is recruited by compulsory service, from which exemption is granted to professors, students, &c., and may be pursured to the service of the service of the suppointed by the Sultan, with the consent of the British dovernment. The British Army of Occupation, since the outbreak of war in Europe has undergone many changes, and it is impossible for the service of the land of the service of the service of the service of the La-Cens. If John Marwell, &c. La-Cens. If John Marwell, &c. The

EDUCATION.

Prinary education is conducted in motizals or elementary vernacular schools, some or which are under native management and exact under native management and exact under the Ministry of Education. Native education is completed at multi-restrict of the Ministry of Education. Native education is completed as multi-restrict of the Ministry of Education. Section 1. The property of the Ministry of the

PRODUCTION AND INDUSTRY.

The total area of Egypi is estimated at 232,44,0.00 statute acres, of which about 7,000,000 acres are formed of the alluvium brought down by the Nile from the Abyssinium hi¹ls, the remainder being chiefly limestone desert. Such portions of the alluvial tracts

as can be "rigated by the Mile (about 5);
between the beautiful of the property of the propert

The corn crops include wheat, barley, maire dautum and summer, her cultum and summer, or cultum and summer, and beautum and summer also largely grown, and there are some are also largely included. Sor, 136 cattle, and some are also largely included. Sor, 136 cattle, and some are some are some and some are some and some are some are some are some and some are so

MATERIA A TO

Building stone, clays, gypsum, gold, lead and zinc ores, manganese ores, natrou, nitrate of soda, petroleum, phosphate of lime, perl dots, salt and turquoise are produced or a commercial scale; and alum, copper ores, ormanetals stones and sulphur are known to

or less important qu

There are some cotton mills in or the manufacture of rough calic

nported tobacco.

TRANSPORTATION.

The temph of the Egyptim State Radinants leads to the Lagrange of the Lagrange passengers and 3,593,595 tons of merchandize were carried during 1924, the control of 1930 tons of the Lagrange passengers and 3,593,595 tons of met receipts being £51,650,500. The gauge of 1930 tons being £51,650,500. The gauge of 1930 tons being £51,650,500. The gauge of 1930 tons the control of 1930 tons the 1930 tons of 193

nring 1914- 1914-15. (1 Apr. 3: Mai.) 1915-1 philic revenue \$90.810,000 \$79.500. philic expenditure ... 90.810,000 79.500. Imports (Merchaudize) \$130, 325,975 \$105,675,000

Exports 128,370,325 120,460,000

Imports from U.S. 1,600,833 29,330,015

Exports to U.S. 10,007,828 22,171,235

Exports to U.S. 19,007,688 22,111,232 CAPITAL, Cafro. Population (1907). 664,476 . Alexandria, chief port, pop. 332,246; Tantah, 54,437; Port Said, 69,684; Mehalla el Kubra, 47,955; Mansūra, 40,279; Damanhūr, 38,752; and Aganig, 34,999. In Upper Egypt Assidt has 39,442 inhabitants and Medinet el Fayum, 37,320. International Conference of the Conference

American,

Port Said - Agent, E. L. Bristowe. Suez - Agent, F. T. Peake. Assioot - Agent, G. Wissa Bey.

THE SUDAN.

Governor-General, His Excellency General Sir F Reginald Wingate, G.C.V.O., K.C.B., K.C.M.G. D.S.O. (Strdar of the Egyptian Army).

GOVERNORS OF PROVINCES.

Berber (El Damer), Maj. R. M. Feilden. Dongola (Merowe), Col. H. W. Jackson, C.I Halfa (Halfa), G. E. Iles. Red Sea (Port Sudan), Mai. C. E. Wilson.

Centre.

Blue Nile (Wad Medani), Lt.-Col. E. A. Dickins
Khartoum (Khartoum), (vacant).

White Nile (El Dueim), J. H. Butler, Bey. East.

Kassala (Kassala), Capt. C. H. Townsend Sennar (Singa), Maj. A. Cameron.

West. Kordofan (El Obeid), Capt. R. V. Savile

Mongalla (Mongalla), Capt. R. C. R. Owen, C.M. G Nuba Mountains (Wau), Capt. R. S. Wilson. Upper Nile (Kodok), Capt. F. W. Woodward

II. Egyptian Department represented.

The Sudan extends from the southern boundary of Egypt at $x \ge N$. Int. to the northern since of the Albert Nyanza at x^2 rg N. 1st. and reaches from the French Sahara, (about x^2 rg E long) to the north-west boundary of Eritres (y^2 gr E). On the tends of the south west boundary of Eritres (y^2 gr E). And y is an interest of the south west than the south y is an interest y in the south y in the south y in the south y is an interest y in the south y in the south y is an interest y in the south y in the south y in the south y is an interest y in the south y is an interest y in the south y in the south y in the south y is a south y in the south y in the south y in the south y is an interest y in the south y in the south y is a south y in the south y in the south y is an interest y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y is a south y in the south y in the south y in the south y is a south y in the south y in the south y in the south y is a south y in the south y in the south y in the south y is a south y in the south y in the south y is a south y in

GOVERNMENT.

The Anglo-Egyptan Sudan is administered by a Governor-General, alded (since 1910) by a Council, nominated from amongst the officials of the Government. All ordinances and laws are made by the Governor-General in council.

with an area of about 150,000 square miles administered by Sultan Ali Dinar.

is given in English and Arabic; a secondary school at Khartoum (Gordon College); a

About 2,000,000 acres were under cultivation in 1912, and this area is being extended by irrigation canals, from which the Nile water

In 1912 about 1,500 miles of railroad were open for traffic. Since the opening of the eastern railroad the Red Sea ports of Port Sudan and Suakin receive much of the itrade

being 4.965 miles in 1912. There are 63 post and telegraph offices.

Revenue	£, E1,305,000 £ E1,375,000
Expenditure	1,350,000 1,538,000
imports	2,561,238 1,338,791
	1,505,277 1,918,243
CAPITAL, Khartoum,	at the junction of the
White and Blue Niles.	Population about 18,000.
Opposite Khartoum, on	the Blue Nile, is Khar-

de Suez is an Egyptian company, authorised in 1846, and confirmed in 1866, with a capital of 200,000,000 francs in 400,000 shares of 500 francs

The Suez Canal was opened in 1869. The total length of the canal is 99 miles, with a width of 37 metres (121ft, 5in.), having cost \$720,000,000 to metres (29 feet). By a convention, signed on 29 Oct., 1888, the canal was exempted from blockade.

The transit receipts in 1860 were \$10.800; in 1910, \$26,087,310; in 1911, \$26,207,045; in 1912, \$26,585,865; and in 1913, \$28,985,180.

The present rate of transit dues is 6fr. 25c. per ton, and 3fr. 75c. for vessels in ballast.

The net dividends for the year 1913 amounted

to 155 fr. on the ordinary 500 fr. shares, and 142 fr. on the Actions de Jouissance.

The following table shows the number and tonnage of vessels which have passed through

the Suez Canal since 1909

Year.	No. of Vessels.	Net Tons.
orgr	4,533	16,581,898
IIQII	. 4,969	18,324,800
1912	- 5.373	20,275,120
1913		20,033,884
1914	. 4,802	19,409,495

Weights and Measures.

H LLD.	THE DODAIN MEAST	1100 910
	Feddan (24 Qirats)	= I'oz acres.
	Webs (24 Ruba's)	= .8345 bushel.
	Ardeb (6 Webas)	= 5'445 bushels.
	Ogia	= 1.35 OZ.
	Rotl	= '99 lb.
	Oke	= 2'75 lb.
×	Kantár (26 Okes)	= 00°04 lb.

or's piastres, being the gold coin in common use: Turkish pound (£T at £E 771) are occasionally met with but their circulation is small. The

FRANCE.

President of the Republic (1913-1920), Raymond Premier and Foreign Minister (29 October, 1914).

Ministers of State, M. de Freycinet, M. Bour-geois, M. Combes, M. Guesde, M. Denys Cochin

Coomn.

Minister of Justice and Vice-President of the Council, M. Viviani.

Minister of War, General Gallieni.

Minister of Marvive, Rear-Admiral Lacaze.

Minister of the Interror, M. Malvy.

has always been attractive to foreigners, of whom (1996), 1964,995 were resident there, or 2°51 per cent. of the legal population; this number included 377,638 Italians, 310,433 Belglans, 87,836 Germans, 25,996 English, 14,863 of the latter residing in the Department of the Seine.

Its mineral resources are comparatively small. They include, however, coal (1911, 39,249,59) metric tons, plg iron (4,479,144 metric tons), copper, lead, silver, antimony, and salt. The most important manufactures are of metais, and in the year 1906 845,871,300 Oysters were

7 yis | Peac teleprometric (1913): oppolitan Army; (i.) In France, 517,963; (ii.) in Algeria, 56,700; in Tunis, 18,200 (of the forces in Algeria-Tunis about two-fifths are natives); Army in France, 28,000. (c) Colonial Forces abt. 130,000 (half natives). Budgets (1913). contemplated. In E., Fold Army Contemplated. In Africa First Line, 750,000; Second Line, 500,000; Iotal, 1,250,000. Reserves, in depots, 500,000; unorganized, 500,000; total, 1,350,000; Territorial army, organized, abt. 550,000; unorganized, 750,000).

		, Lykei	
Division.	Officers.	Men.	Horses,
Staff	6,760 13,176 3,925 424 2,842 77 105 31	3,531 353,137 71,200 10,606 65,932 2,100 3,657 4,235	7,493 8,328 65,410 460 42,011 1,281 1,357
Transport	412 5 671	14,370 11,257 11,450 24,135	1,573 6,514 287 11.435
Metropolitan Army	29,000	579,000	150,00

he	Nav	X W	as I	mar	med	in	1914	by	63,	600	office	23
m	en. s	ınd-		sist	ed o			low			ips :-	

d men, and consisted of the following	ships :-
PRINCIPAL SHIPS.	

PRIN			
Name. (§ "Turbines.)	L'chd.	Tons.	Main Armament.
Battleships: Vendéeý		24,830	13×13'4 in
		21	,,
Languedoch		22	22
Flandreý			27
Gascoignes	1913	23,100	(22×5'5 in.
Bretagnes	1913	2 44	11
Lorraines	1913		
Frances	1912	"	(13×12 in. (22×5'5 in.
Parish	1912	. 22	29
Jean Bartý	idii	21	נר
Courbeté	1911		(4×12 in.
Vergniaud§	1910	18,000	(12×9'4 in.
Mirabeaus	1909	22	27
Dantoný Dideretý	1909	12	33
Condorcet 4	1909		,,,
Voltaires	1909	>>	22
Verité	1907	14,650	4×13 in.
Democratie	1904	15	23
Justice	1904	37	(4×12 in.
Patrie	1903	32	18×6.5 in.
République	1902	22	/ 4×12 in.
Suffren	1899	16,200	10×6'5 in.
Henri IV	1199	8,800	2×10'8 in. 7×5'5 in. 4×12 in.
St. Louis	1896	11,100	10×5'5 in.
Gaulois Charlemagne	1896	22	
		"	(2×12 in.
Bouvet	1896	11,850	1 2×10 8 in.
Carnot	1894	11,950	23
Carnot Charles Martel	1893	11,700	"
Jauréguiherry Const Defence:	1893	"	"
Amiral Trehouart	1893	6,650	z×12 în.
Bouvines	1892	6,700	
Requin	1885	7,100	2×10.8 in.
Styx	1883	5,650	2×9*4 in. 1×10*8 in.
Phlégeton	1890	1,770	7)
Waldeck Rousseau	1908	13,800	14×7'6 in.
Edgar Quinet	1907	22	
Ernest Renan	1906	13,450	4×7.6 in.
Jules Michelet	1905	12,350	
Victor Hugo	1904	- 13	{ 4×7.6 in. 16×6.5 in.
Jules Ferry	1903	75	
Amiral Aube	1901	9,850	2×7.6 in. 8×6.5 in.
Condé	1902	91-5-	8×65 in.
	1900 i	22	
Marseillaise	1900		c profincia
Klober	1302	7.500	8 × 6 · 5 in. 4 × 3 · 9 in.

(j=Turbines.)	L'chd.	Tons.	Armanient
Desaix	1901	2,600	8×5'5 in. 4×3'9 in.
Dupleix	1900	- 21	2×76 in.
Dupetit-Thouars	1901	9,350	1 8×6.5 in
Montcalm Gueydoù	1900	9,350	
	1899	. 23	5 2×7'6 in
Jeanne d'Arc	1899	11,100	114×5'5 in.
Bruix	1894	4,750	2×76 in. 6×5'5 in.
Amiral Charner	1893	37 -	2)
Latouche-Tréville Protected Cruisers:	1892	22	23
18t Class:			
J. de la Gravière	1800	5,600	8×6'5 in.
Châteaurenault	1898	7,900	2×6'5 in.
Guichen	1897	8,150	
D'Entrecasteaux Pothuau	1896	8,900	2×9 4 in. 2×7 6 in.
and Class:	1895	5,400	
Cassard	1896	3,900	6×6'5 in.
Du Chayla	1895	22	
Friant	1893	4,000	4×6'5 in.
2rd Class:	1094	4,000	4.0510.
D'Estrées	1807	2,400	2×5'5 in.
Lavoisier	1897	2,300	4×5'5 in.
Созтао	1889	2,000	"
Surcouf	1889	33	23
Forbin	1888	1,950	
raucon	1887	1,320	5×3.9 in.

Torpedo-Boat-Destroyers: Built, 68; building, 16. Torpedo Boats: Haute Mer, 15; 1st class, 146. Submarines: Built, 58; building, 25.

Revenue Expendit		\$947	1913. 1,776,485 1,720,705	\$1,037,835,1 1,038,328,6
Debt				
Moating	Debt			. 343,057,8 1912.
(mports				
Exporta				. 1,327,270,8
				erchandize e

EXPORTS FROM U.S. TO FRAN	CE.
Agricultural Implements	\$3,827,24
Breadstuffs	
Cars and Vehicles	
Copper	25 AS- 6
Cotton and Manufactures	
Fruits and Nuts	
Iron and Steel Manufactures	
Leather and Manufactures	
Meat and Dairy Produce	
Nickel	1,583,8
Oil Cake	
	4,030,4

IMPORTS INTO U.S. FROM FRAN	CE.
Art, Works of	622,331,51
Chemicals and Drugs	
Earth, Stone and China Ware	
Feathers and Downs	
Fibers and Grasses	1,897,63
Fruits, Nuts and Almouds	3,909,24

rs and Manufactures;		\$1,002,436
ld and Silver Manufactures		1.040.030
des and Skins		6.750,180
diarubber and Manufactures	3	1,508,032
ather and Manufactures		4.868,546
s		3,160,951
rfumery		1,855,524
		968.173
ecious Stones		7,087,585
eds		1,301,283
k and Manufactures		19,290,296
		7,515,822
		1,832,754
ol and Manufactures		

Shipping .- During the year 1912 the total amounted to 20,440 ships of a tonnage of

1912 was estimated at \$24,033,000, and the expenditure at \$24,031,000; the imports from foreign trade is with France, the exports to France amounting to Sp. 450,000, and the imports from France to Sp6,025,000. The exports consist mainly of wine, wheat and other cereals, sheep and oxen, skins, fruits, fine and iron ores, olive

CAPITAL, Paris. Population (1911), 2,846,986. There were (in 1911) 39 towns with over 50,000

	2.888,110	Amiens	93,20
Marseilles	550,619	Limoges	92,18
Lyons	523,796	Brest	90,54
Bordeaux	261,678	Angers	83,73
	217,807		82,64
Nantes	170,535	Nimes	80,43
Toulouse	149,576	Montpellier	80,23
St. Etienne	148,656	Rennes	79:37
	142,940	Grenoble	
Le Havre	136,150	Dijon	76,84
Rouen	124,978	Tours	
Roubaix	122,723	Calais	72,32
Nancy	110,949	Orleans	72,09
	115,178	Denis	71,75

Levallois- Perret Clermont-	68,703	Boulogne sur Seine St. Quentin	57,027
Versailles		Troyes Boulognesur Mer	
WEIGHTS M		Béziers	

The Metric System of Weights and Meas s universal.

The Monetary Unit is the Franc of 200 Centime

r Franc = 19'3 cents.

DIPLOMATIC INTERCOURSE.

merican Ambassador (18 Avenue Kléber, Paris William G. Sharp (1914) \$77,55 Sec. of Embassy, Robert Woods Biss. 3,00 2nd Secretary, Arthur H. Frazier: 2,60 3rd Secretary, Henry R. Carey 2,55

Consuls.	
Bordeaux, George A. Bucklin, jr	4.00
Calais, J. B. Milner	3.00
Grenoble, Thomas D. Davis	2,00
La Rochelle, K. S. Patton	2,50
Le Havre, J. B. Oshorne	5,00
Limoges, E. Belisle	2,50
Lyons, John Edward Jones	5,00
Marseilles (CG.), A. Gaulin	5,50
" Consul, Edwin C. Kemp	2,00
", Vice-Consul, Paul H. Cram	
Nantes, Clarence Carrigan	3,00
Nice, W. D. Huuter	2,50
Paris (Ctr.), A. M. Thackara	12,00
Reims, W. Bardel	3,50
Roubaix (vacant)	2,50
Rouen, Albro L. Burnell	2,00
Consular Agents at Amieus, Bastia, Boul	2,50
Brest, Cette, Cherbourg, Dieppe, I	njor
Dunkirk.	Dijor
Dunkirk. Algiers, Dean B. Mason	01Jor 53,00
Dunkirk. Algiers, Dean B. Mason	01]or 3,00 2,00
Dunkirk. Algiers, Dean B. Mason	3,00 2,00 2,50
Dunkirk. Algiers, Dean B. Mason	3,00 2,00 2,50 2,50
Dunkirk. Algiers, Dean B. Mason	2,00 2,00 2,50 2,50 2,50 2,50
Dunkirk Algier, Dean B. Mason	2,00 2,00 2,50 2,50 2,50 2,50
Dunkirk. Algiery Dean B. Mason	2,00 2,00 2,50 2,50 2,50 2,50
Dunkirk Algier, Dean B. Mason	2,00 2,00 2,50 2,50 2,50 2,50
Dunkirk Algiera, Dean B. Mason	2,00 2,00 2,00 2,50 2,50 2,50 2,50 2,50
Dunkirk Afglere, Dean B. Mason	2,00 2,00 2,00 2,50 2,50 2,50 2,50 2,50
Dunkirk Mylers, Dean B. Mason	2,00 2,00 2,00 2,00 2,00 2,50 2,50 2,50
Dunkirk, B. Manon S. Agrico Migrey, Dan J. S. Agron S. Agrico, Dan J. S. Agron S. Agrico, D. S. Agrico, D. R. Wallace Softon, D. P. Briggs S. Pierre, J. J. C. Watson Tanadase, J. G. Carter Consulor Agent at Oran. Saigon, Lawrence P. Briggs S. Agron Microslop, D. M. J. C. Watson M. S. Pierre and Microslop, D. J. C. Watson S. P. Fierre and Microslop, D. J. C. Watson S. Agron S. Agron S. Agron Microslop, D. J. C. Watson S. Agron S. Agron Microslop, D. J. C. Watson S. Agron S. Agron S. Agron Microslop, D. J. C. Watson S. Agron S. Ag	2,00 2,00 2,50 2,50 2,50 2,50 2,50 2,50
Dunkirk. D. Manon of Options of Dunkirk. D. Manon of Options, Dan Dunkirk. D. Markinger, P. R. Wallace Sosyon, L. P. Reiga	2,00 2,00 2,50 2,50 2,50 2,50 2,50 2,50
Dunkirk. Algiers, Dean D. Salon. Markinger, T. B. Wallace Stagen, L. P. Beligs St. Pierre, J. J. C. Watson Tokick, T. B. L. Layan Consulor Agent at Oran. Salgon, Lawrence P. Briggs (YC.), Miller Johlm T. Marrence P. Briggs T. Wallace Stagen T. Marrence M. Maryelon, John J. C. Watson T. Marrence M. Maryelon, John J. C. Watson T. Marrence M. Maryelon, John J. C. Gatter T. Marrence M. Maryelon, John J. C. Watson	2,00 2,00 2,00 2,00 2,00 2,00 2,50 2,50
Dunkirk. D. Manon of Options of Dunkirk. D. Manon of Options, Dan Dunkirk. D. Markinger, P. R. Wallace Sosyon, L. P. Reiga	2,00 2,00 2,50 2,50 2,50 2,50 2,50 2,50

French

ington. D.C.), M. Jean J. Jusserand.	-
Counselor, M. De Peretti de la Rocca.	
Military Attaché, Capt. de Berthler de	St
Vigny,	

There are Consuls-General at New York a

ERIA,	
Sq. Miles.	Population
	1,720,881 2,118,446 1,230,195 494,306
221,947	5,563,828
	Sq. Miles.

Algoria forms an integral part of Finnee, under a Governor-General, assisted by a Consultative Council of symembers. The three departments to Council of symembers. The three departments of Council of the Council of Council of the Council of Cou

ERRNCH COLONIES

The Colonial possessions of the French Republic have a total area of 4,084,410 square miles, including Algeria and Morocco. The population of this vast area is estimated (1911) at 54,730,039.

on the Coronandel coast; Chandernagore, on the Rocapit, Satrial, in the Caravey disk; Satrial, in the Caravey disk; the Maishar coast—the Iotal area being soo square miles with an estimated population of \$77,700. French Indo China comprises the tectorate of Cambodia, Anam, Tonkin, and Laos. In 1898—the port of Kwang-thow-Wan capital is Hand, in Tookin, and the Iotal area is 1899-99, square miles, with a population (1922) estimated at 18,500,000.

In AFRICA.—Algeria (see above) is an integral part of France. Moreose (see p. 496), is now predominantly French. Turnir has been a French protectorate since 1882. French West Africa extends from Mauritania to Dahomey, and has a total area of 1.50-5073 square miles, and has a total area of 1.50-5073 square miles, Seneral (sq.000 sq. ms., pop. 1.205,000), capital, St. Louis; I puper Seneral Norter (sq.000 sq. ms.),

Sahara, which has an estimated area of gas 160 square miles and a population of shout 450,000.

French Equatorial Africa consists of the French Congo (513,000 80. ms., pop. 9,000,000).

French East Africa consists of the Somali Coast

with an estimated population of 39,948,300.

In AMERICA.—Off the south-east coast of
Newfoundland are two small groups of islands,
of which the largest are St. Pierre and Miquelon.
In the West Indies, Martinique and Guadaloupe

miles, with a population of 428,850.

In AUSTRALASIA.—New Caledonia (7,200 8q.

THE GERMAN EMPIRE.

Born 27 Jan., 1859; succeeded his father 15 June, 1883; married, 27 Feb., 1881, Princess Augusta Victoria of Schleswig-Holstein, born

22 Oct., 1858.

Heir Apparent, H.I. and R.H. Crown Prince
William, born 6 May, 1882; married (1905)

H.R.H. Cecilie of Mecklenburg-Schwerin, and

Foreign Affairs, Herr von Jagow-Colonies, Dr. Solf. Navy, Admiral von Tirpitz.

Posts and Telegraphs, Herr Kraetke. President, Imperial Railways Dept., Dr. Schulz.

The Empire, according to the Constitution of

Emperor—in the case of Envaria this obsciences is limited to war-time. On the other hand, the German Navy is Imperial (katisevitéh), and the Emperor as such is the supreme Admiral-in-Command of the Imperial German Navy in peace as well as war. The Reichstag, or Imperial Dict, consists of 397 Deputies; the original idea was that there should be one

monu, Recussind (Aisace-Lorratue); Labeck; Bremen; Hamburg.
The census of 1910 shows a total population of 64,925,993, of whom 32,031,967 are males and 24,897,456 females.

non-terman languige, vit. — 60, 361 Dutch, 20, 679. Frisians, 14, 405 Danish (and Norwegians), 8,998 Swedish, 20, 217 English, 211, 579 French, 21, 841 Walloom, 8, 695 Ranish, 4,79 Fortuguese, 3,085,489 Foles, 142, 404 Massurians, 200, 213 Kassulians, 9,032 Wentis, 64,328 Morravians, 43, 207 Creeks, 9,672 Eussians, 20, 395 Lithunainan, 8,258 Hungarians, 14,232 not above

There are 48 large towns with over 100,000 inhabitants, and of these 33 are in Prussia, 4 in Saxony, 3 in Bavaria, 2 in Baden, and 1 each in

that of 1881 (220,902), but the numbers of oversea emigrants are now seldom above 30,000, the figure for rors being 25,843.

Germany is becoming more and more a manufacturing country. In 1907, 32'6 per cent. of the population were supported by produce. The mineral produce was valued in 1912 at \$592,250,900, and included 190,109,440 ctons of coal, 87,232,084 of lignite, and 28,607,903 of iron ore; rock-salt, lead-ore, gold and silver

On r January, 1913, the Mercantile Marine consisted of 2,098 sea-going steamers of 17'65 register tons and upwards (4,380,348 tons gross register), and of 2,420 saliing vessels (447,870 tons gross register). The number of seamen in the German Mercantule Marine on I January, 1913. Was 77,746 (I January, 1913, 75,130). Germany now tanks second in the list of maritime countries. There were completed in 1912 at German yards for German firms, 659 sea-going ships of 383,090 tons gross, and at German yards for foreign firms, 124 sea-going ships of 31,238 tons gross.

31,238 tons gross.

The total length of the Railroads in the Empire in 1913 was 37,82 miles, of which about 42 per cent belong to the different States. There are 1,500 miles of inland canals and 1,500 miles of ehlp canals. The number of registered automobiles and motor cycles (r Jan., 1912) was 77,789.

TMPERTAL POST

(Including Bavaria and Wurttemberg), 1923. Length of leigraph lines, 28,560 kilometres (length of wires, 1,007,200 kilometres); telegrams handed in, 49,523,200; post offices, 4,443; telegrams handed in, 49,523,200; post offices, 4,443; telegrams handed in, 49,504; and 40,504; and

DEFENSE

The army.—The semariable military activity of the Genary Empire in recent years culminated in the Law of 1933, of which the main principles were (i) to increase substantially the annual enterior of the control of the

DE A YEAR

The Navy on 31 March, 1944, consisted of the ships given in the following table. Scamme are recruited by compulsors service of the maritime population and by voluntary enlistment. The personated in 1943 Was 72,215 of all ranks. The Naval Expenditure of the Empire for 1913-41 is 497,363,460 marks, of which The Imperial German Navy is the second in respect of tonage and armamat, and is only exceeded by the British Navy, the additions made from time to time, under a settled plan of development, actually exceeding, in some years, those made by Great British (1000, German ton, 800 tons; British, 200, 200 tons; British, 200 tons; British, 200, 200 tons; British, 200 tons; Britah, 200 tons; British, 200 tons; British, 200 tons; British, 200

PRINCIPAL SHIPS

	Name. (f=Turbines.)	L'chd.	Tons.	Main Armament
s	Battleships:			
5	König Albert	1912	24,700	zo×zz in.
	König	1912	25,500	{10×12 in. 14×5'9 in.
	Grosser Kurfürst	1913	. 59	33
	Markgraf	1913	22	22
	Breatz Brandenburg	IQI3		33
	Brsatz Brandenburg Brsatz Worth	IQIA	-	
	Kaiserin	IQII	24,700	roxra in.
	Pr. Luitpold	IGIZ	22 - 1	. 14
	Kaiser	IQII		STOXIZ in.
			33	114×5'9 in.
	Fr. der Grosse	1911	23	(12×12 iu.
	Oldenburg	1910	22,800	114×5'9 in.
	Thüringen	IQOQ	22	22
	Ostfriesland	1909	27	- 22
	Helgoland	1900	- "	
e				ſzz×zz in.
В	Rheinland	1908	18,900	12×5'9 in.
е	Posen	EggE		
	Nassau	Sopr	22	
	Westfalen	1908		
0 0	Schl. Holstein	1906	13,200	{ 4×11 in. 14×67 in.
	Schlesien	1006	11.	
	Hannover	1905		
	Hannover Pommern*		77	
7	Pominiera	1905		
8	Deutschland	1904	27	
9	Lothringen	1904		
1	Hessen	1903		
	Preussen	1903		
	Elsass	1903	22 -	
	Braunschweig	1902		
П				6 4×9'4 in.
	Schwaben	rgor	nn;611	18×5'9 in.
	Mecklenberg	Igoi	. 22 .	23
	Wettin	IQUI	22	72
	Zähringen	IQUI	22	
	Wittelsbach	1000	37	
	Kr. Karl der Grosse	1899	10,474	
		1099	20,474	4×9'4 in.
	Kr. Barbarossa	1900		\14×5'9 in.
3	Kr. Wilh. der Grosse	1899		33
	Kr. Wilh. II	1897		
	Kr. Friedr. III	1896		12
	Brandenburg	1891	10,050	6×22 in.
	Wörth	1891		21
	Armored Coast Defense Ships:			
		-0	0	
	Ægir	1895	4,084	3×9'4 in.
	Odin	1894		
	Hagen	1893	4,034	
	Hildebrand Beowulf	1892		
	Beownlf	1890		
	Frithjof	1891		

Arnored Cruisers: Derflinger Ersatz Kaiserin Augusta Ersatz Hertha Seydlitz	SHIPS- L'chd.		Minin Armament.	PRINCIPAL SHIPS—continued \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
(8-Turbines.) Armored Cruisers: Derflinger Ersatz Kaiserin Augusta Ersatz Hertha Seydlitz		Tons.	Armament.	Name. (=Tur-fines.) L'chd. Tons. Armament.
Armored Cruisers: Derflinger Ersatz Kaiserin Augusta Ersatz Hertha Seydlitz	-			
Derflinger	-			4 Magdeburg Class,
Ersatz Kaiserin Augusta Ersatz Hertha Seydlitz		1 -7		25'5 knots 1911 4,480 12×4'1 in.
Augusta Ersatz Hertha Seydlitz				4 Kolberg Class,
Seydlitz	- 1			25'5 knots 1908-9 4,280 ,,
	1912	25,000	roxii în.	24'5 knots 1907-8 3,572 10×4'1 in.
Moltkeý*	1910	23,000	112×5'9 in	
Vi Jan Wannish			8×xx in.	#3 5 KHOUS 1905-7 3,400 '',
Von der Tann§*	1909	19,400	120×5'9 in.	Torpedo-Boat-Destroyers : Built, 142 ; building, 12
Blücher*	30pz	15 800	∫12×8'z in.	Torpedo Boats: 70.
Diddica	290		8×5'9 in.	Torpedo Boats: 70. Submarines: Built, 14; building, 13-25.
Gneisenau*	1906	11,600		OLD AGE AND INDEPRESE THOMPS The
	1		6X5'9 in. 8X8'2 in.	German scheme of social legislation gives al
Scharnhorst*	1906	11,600	Il 6x ro in.	German scheme of social legislation gives al subordinate bread-winners in the Empire a lega
Doort	2002	0.700	4X8.2 in.	right to pecuniary subvention when unfitted for work through sickness, accident, premature in firmity, or old age. Insurance is compulsory. The National Insurance is based on mutual insurance
Roon*	:903	9,500	(10×5'9 in.	work through sickness, accident, premature in
Fr. Carl	1902	9,000	"	firmity, or old age. Insurance is compaisory. The
Pr. Adalbert*	1901	27	(- X-12 - Em	and self-administration. The Infirmity Insurance
Pr. Heinrich	1900	8,900	1 aX9'4 in. 1 roX5'9 in.	Act came into force a Jan Toon. The insured in
			4×94 in.	Act came into force 1 Jan., 1900. The insured in clude all persons working for wages or salary as
Fürst Bismarck	1897	10,690	122X5'9 in.	workbeople, artizans, journeymen, apprenticer
Protected Cruisers:			(12/3 4 200	domestic servants, laundresses, dressmakers
Rostock	1012	4,900	13×4'1 in.	sempstresses, housekeepers, charwomen; oven
Karlsruhe	1912	33	, 27 ,	workpeople, artizans, journeymen, apprentices domestic servants, laundresses, dressmakers sempstresses, housekeepers, charwomen; over seers, foremen, engineers, assistants, clerks and apprentices in merchants' offices (excepting assistants and apprentices in chemists' shops)
Ersatz Irene Ersatz Princess		- /		apprentices in merchants offices (excepting
Ersatz Princess				assistants and apprentices in chemists snops;
Wilhelm	-		-	governesses in so far as the incomes do not
Ersatz Gefion	=		100	governesses in so har as one incomes as no
Ersatz Hela Strassburg	IQII	-=-		exceed \$500—including foreigners working in Germany under these categories. Pensions for
Strational .	1911		/	premature infirmity are given to insured persons when unfit for work; old age pensions to all insured persons on attaining the age of 70, though still capable of work. A comprehensive project of reform of the State insurance legislation became law in 1911. The new law codiffer meetings the content of the
Amphipas	1911	4,280	ra×4'r in.	when unfit for work : old age pensions to all
Dresdeno*	1907	3,592	IOX4'I in.	insured persons on attaining the age of 70
	1907	3,494	32	though still capable of work. A comprehensive
Nurnberg*	1905	3,400	33	project of reform of the State insurance legis
Stuttgart	1906	1 22	27	lation became law in 1911. The new law codifies
Danzig	1905	3,200	22	
Leipzig*	1905	25 *		Authorities, reduces working-class influence in
Munchen	1904	22	33	the Accident Insurance organizations, provider
Lübecký	1904	27	"	other changes of importance. Another Bil
Berlin* Bremen	1903	22.	,	extending Insurance benefits to private officials
Hamburg	1903	22".		clerical employes and others above the class of
	1898		3×8'2 in.	pensions for widows and orphans, and make other changes of importance. Another Bil extending Insurance benefits to private officials cierical employés and others above the class of manual workers, became law in 1911.
		5,890	6×5'9 in.	
Vineta	1897		"	(Estimate.) (Estimate.)
Freya	1897 1897 1897 1893 1893	5,660	22	Revenue
Vict. Luise*	1897	'99	. 33	Expenditure\$3,285,192,900 3,250,000,000
Hertha	1897	22 2007	27 in	1913.
Gefion*	1093	3,7°5 6,060	TOX4'I in.	Debt\$1,230,560,500
			12×5'9 in.	Imports 2,893,025,000 Exports 2,421,050,000
	1887	4,223	{ 4×5'9 in. 8×4'1 in.	Exporte minainal artiales of merchandiza as
Pss. Wilhelm	1887			The principal articles of merchandize ex changed by the U.S. and Germany in 1914 were (values in dollars):—
Undine	1902	2,656	xo×4'x in.	(values in dollars)
Arcona	1902	,,	11 .	(Values in womare).
Frauenlob	1902			U.S. EXPORTS TO GERMANY.
	1900	2,608		Agricultural Implements ,
Medusa	1900			Breadstuffs
Thetis	1900	27		Chemicals and Drugs
Thetis	1899	2,558		Copper 47,039,51
Gazelle				U.S. EXPORTS TO GERMANT, Agricultural Implementa \$\frac{3}{2}ass.778 Breadstuffs \$2.405.00 Chemicals and Drugs \$2.505.00 Copper \$7.505.00 Cotton and Manufactures \$1.35.461.77 Furtilizers \$2.33.60 Fish \$1.502.00 Louis and Steel Manufactures \$0.507.50 Lo
(vazene	1090			Figh T 802 26
Light Cruisers:				Fruits and Nuts
z Karlsruhe Class.				Iron and Steel Manufactures x0,893,36
28 knots	1912		12×4'1 îll.	Leather and Mauufactures 6,076.89
o Destroyed				Mest and Dairy Produce 20,645.75

Naval Stores	\$2,470,071
	3,831,238
	9,598,088
Tobacco and Manufactures	4,977,559
Wood and Manufactures	4,356,315
IMPORTS TO U.S. FROM GERMANY	
Art, Works of	\$2,070,479
Beads and Ornaments	819,725
Chemicals and Drugs and Dyes	14,695,395
Cottons and Laces	12,266,701
Feathers and Flowers	4,158,243
Festilizers	1,829,936
Fibers	14,106,566
Furs and Manufactures	6,294,932
Glass and Glassware	3,431,842
Hair and Manufactures	4,594,875
Hides and Skins	7,457,872
	4.538.253
Iron and Steel and Manufactures	11,106,331
Leather and Manufactures	7.913.466
	3,498,453
Oils	4,372,536
Paper and Manufactures	11,711,782
	2,995,850
Silk and Manufactures	5,010,727
Tin	4,107,808
Wood and Manufactures	4,688,596

of the war, had a total area of 1,134,239 sq. miles, with a population of about 14,800,000, of whom 24,170 (including garrison and police) were whites. Of these whites about 18,500 were

AFRICA .- Togoland : Area, 33.659 sq. miles ; population about r.000,000. Capital, Lome \$880,000; trade (1910), imports, \$2,866,500; exports, \$3,805,500.—Cameroon: Area, 295,000 sq. miles; population, 3,500,000. Capital, Bues. Budget for 1912: Receipts, \$1,882,500; expendi-Sa yas your expenditure, Sarago coo; trade (1921), importa, Sarago coo; trade (1921), importa, Sarago coo; trade (5,712,000-1), German Bast differs: Area, 384,079 sq. miles; population, 364,000 sq. miles; population, 364,000 sq. miles; population, 364,000 sq. miles; population, 364,000 sq. sq. miles; and disparent sales; sarago coo; sq. miles; sarago coo; sq. miles; spendation, 36,142,000; trade (1921), importa, 37,845,000, captial, italiani. Trade (1921), importa, 597,550, expenditure (1921), importa, 597,550, expenditu

perti. Spotago.—Solomo. Carolese. Pelles. Marciana, and Marsakal Italianic. Area, 5,16 ao, miles population, 220.00. Capitals, Ponago en miles population, 220.00. Capitals, Ponago en miles population, 220.00. Capitals, Ponago en Capitals, Ponago en Capitals, Ponago en Capitals, Ponago en Capitals, Sango, Capita

1912: Receipts, \$1,560,000; expenditure, \$3,660,000; trade (1910), imports, \$12,500,000; exports, \$12,500,000; the ocean shipping entered in 1913 being 936 vessels of 1.309,294 tons. The German garrison in Kiao-Chao consisted of 92 officers, 2,374 German non-commissioned officers and men, and one battalion of the agreed that within a 50-811. Zone (3r English miles) from all points of the leased territory the Chinese Government should no longer, for the space of 99 years, be entitled to take any steps without previous authorization from the German Government. Germany also province of Shan-Tung, which is called "the sphere of influence," area about 2,750 English tory, as it is called, comprises the bay up to

States of the German Empire. KINGDOM OF PRUSSIA.

area of 134,558 English square miles and a popu-

lation in 1910 of 40,165,219.

Of the total population 19,847,725 are males and 20,317,494 females. There are 33 towns with over

latter reaching an altitude of 5,255 feet. The forests are extensive, occupying an area of nearly 20,435,491 acres, chiefly consisting of fir.

Revenue (Budget) ... \$936,240,000 \$1,005,665,000

King, Ludwig III., born 7 Jan., 1845; proclaimed King, 5 Nov., 1913; married, 1868, the Arch-duchess Maria Theresa, of Austria-Este. Heir Apparent, Crown Prince Rupprecht, born 18 May, 1869; married, 1900, Marie Gabriella, Duchess in Bavaria, and has issue, two sons.

Foreign Affairs, Dr. Freiherr von Hertling Foreign Affairs, Dr. Freiherr von herfung; Justice, Dr. von Thelemann; Interior, Dr. Freiherr von Soden-Fraundofen; Instruction, Dr. von Knilling; Finance, Dr. von Breunig; Communications, von Seidlein; War, Gen.

KINGDOM OF SAXONY.

King, Frederic Augustus III., b. 25 May, x86x,

timber of excellent quality.

Production and Industry.—Minerals are rich and abundant (coal, silver, tin, bismuth, cobalt, iron, zinc, lead, nickel, arsenic, &c., besides marble, porcelain, earth, and various gems); special manufactures of Saxony are:—

zig (pop. 589,850), the great book-market, with, next to those of Berlin and Munich, the most

Revenue and expenditure, 1912-13 ...\$113,307,000

KINGDOM OF WÜRTTEMBERG.

Religions, 1,671, 183 Protestants, and 739,995 Roman Catholics.

King William II., b. 25 Feb., 1848; suc. 6 Oct., 1891; mar. (1) Princess Marie of Waldeck (died 30 April, 1822); (2) Princess Charlotte of Schaumburg-Lippe.

Grand Duke, Frederick H., b. 9 July, 1857;
man, 20 Sept., 1885, Princess Hilda of Nassau,
b. 5 Nov., 1864; Grand Duke, 28 Sept., 1967.
Heir Presumptive, Max, b. 10 July, 1867.
President of Ministry, De. Freihert von Dusch.

Budget, 1913 (including railways)..... \$63,535,000 Debt, 1 Jan., 1913 (only railways)..... 138,000,000 CAPITAL, Karlsruhe. Population (1910), 134,313.

Grand Duke, Ernest Louis, b, 25 Nov., 1868; suc. 13 March, 1892; mar. 2 Feb., 1905, Princess Eleonore zu Solms - Hohensolms - Lich, b.

17 Sept., 1871. Heir Apparent, George, b. 8 Nov., 1906. President of Ministry, Dr. K. von Ewald.

MECKLENBURG-SCHWERIN.

Grand Duke, Frederick Francis IV., b. 9 April, 1882; 800. xo April, 1897; mar. 7 June, 1904, Princess Alexandra of Brunswick and Luneburg, b. 29 Sept., 1882.

Heir Apparent, Friedrich Franz, b. 22 April,

Comprises an area of 5,135 square miles on the Baitic, with a population of 639,958. The Legislative power is vested in representatives of the towns, and of the Knights' estates. Revenue (1912-13), \$12,500,000; &Up., \$12,400,000; debt 1912 (more than covered by the State funds).

Grand Duke, Frederic Augustus, b. 16 Nov., 1852; suc. 13 June, 1900; mar. (1), 18 Feb., 1878, to the late Princess Elizabeth (second daughter

Heir Apparent, Nicholas, b. 10 Aug., 1897.

Oldenburg is situate on the North Sea and the Weser, between the sea and Hanover, with the detached Principalities. More than 80 per cent, of the inhabitants are Protestants. There is CAPITAL, Oldenburg. Population, 28,565.

Grand Duke, William Ernest, b. 10 June, 1876; suc. 5 Jan., 1901; married 4 Jan., 1910, Theo-dors, Duchess of Saxe-Meiningen.

CAPITAL, Weimar. Population (1910), 34,582; Eisenach, 38,362; Jena, 38,487; Apolda, 22,610.

Duke, Priedrich II., b. 19 Aug., 1856; suc. 24 Jan., 1904; mar. s. July, 1839, Princess Marie of Baden; b. a5 July, 1865.

Heir Presumpties, Prince Edward, b. 18 April, 1861; married, 6 Feb., 1895, Princess Louise of Saxe-Altenburg.

Duke, Ernest Augustus, b. 17 Nov., 1887, mar. 25 May, 1913, H. R. H. Princess Victoria Louise, daughter of the German Emperor; proclaimed

2 Nov., 1913. area of 1,418 square miles, and a population (1910) of 494,339, of whom 464,175 were Protest-ants, 25,888 Roman Catholics, and 1,757 Jews. Single chamber diet of 48 members, elected by direct vote for four years: Budget, 1913-14: income, \$3,073.760; exp., \$2,979.920; debt, \$8,058.933; reserve fund, \$8,324,897.

CAPITAL Brunswick, Population (1910), 143,552.

Duke, Ernest, b. 31 Aug., 1871; suc. 7 Peb., 1908; mar. 17 Feb., 1898, Princess Adelkeid of Schaumburg-Lippe, b. 22 Sept., 1875.

Heir Presumptive, Geo. Moritz, b. 12 May, 1900. Area, 5x2 8q. miles; pop. (1910), 216,128, of whom over 210,500 are Protestants. Single

10 July, 1884; (mar. 11 Oct., 1905, Princess Victoria Adelaide of Schleswig-Holsteinand two daughters); suc. 30 July, 1900; assumed government; 9 July, 1905.

Heir Apparent, Prince Johann Leopold, b.

2 Aug., 1906. Minister of State, Herr Dr. von Richter.

and Gotha) and several smaller detached and Gotha) and several smaller detached portions, population sey, org. in spo. 550-554 were portions, population sey, org. in spo. 550-554 were burg (the other capital) has \$2,560 inhabitants. Coburg has a diete of ra and Gothan of sp members, elected for four years. The diets meet in joint revenue is set of the org. The diets meet in joint revenue is set down at \$2.560,600; this State and domain revenues at \$3,200,725 for Gotha and S460,500 for Coburg. At Gotha there is the

Duke, Bernhard II., b. 1 April, 1851; suc. Aug. 1914; mar. Princess Charlotte of Prussia.

Heir Presumptive, Ernest, b. 1859; 19ar. 1892. Area, 945 sq. miles; pop. (1910), 278,792. The

six years. Revenue and exp. (1912-14), \$2,636,580; debt (1910), \$1,554.750. Capital, Meiningen.

Principalities.

Area, 470 80, miles; pop. (1970), 150,937. The diet contains 21 mumbers, elected by direct voice for four years. Revenue (1933-14), \$270,597; exp., \$23,326; debt, \$271,198. Capital, Detmoid. Population (1970), 44,955.

Prince, Henry XXIV., b. 20 March, 1878; suc.

Prince Regent, Henry XXVII., b. 10 Nov., 1858.

Area, 120 sq. miles; pop. (1910), 72,769. The diet contains a nominated members and 12 elected for six years. Revenue and exp. (1913), \$470,000. No debt. Capital, Greiz. Population (1910),

The Monetary Unit is the Mark of 100 Pfennige.

1 mark = 23 8 cents, \$1 (U.S.) = 4 marks 81

American Ambassador (16, Rauchstrasse, Berlin),
James Watson Gerard (1913) ... \$17,500
285 Secretary of Embassy, Joseph C. Grow 3,000
2nd Secretary, Roland B. Harvey 2,000
2nd Secretary, Albert B. Ruddock 2,000
Müllary Attaché, I.L. Col., Joseph E. Kuhn.
Naval do., Comm. Walter R. Gherardi.

Aiz-la-Chapelle, Henry C. A. Damm 3.000 Bressau, Harry G. Seitzer 2,500

Brunewick, T. J. Albert 2,500

Chemnitz, John Q. Wood 3,500

Coburg, William J. Pike 4,500

Vice-Consul-General, M. C. Dillingham.

German Ambassador (1435 Massachusetts Ave-nue, Washington, D.C.), Count J. H. von Counselor of Embassy, Haniel von Haimhausen.

Counselor of Embassy, Haniel von Haimhausen.
Naval Attaché, Comm, Boy-Ed.
Military Attaché, Maj. von Herwarth.
and Secretary, Albert Kienlin.
There are Consuls-General at Chicago, New York,
and San Francisco.

GREAT BRITAIN.

AREA AND POPULATION.

The population of the United Kingdom one month before the outbreak of war was officially estimated at 46,089,249.

	Laur (Sa. Millar)	Population.		
Divisions and Capitals.	Area (Sq. Miles).	zgoz.	ıgıı.	
England and Wales (London)	58,324 29,796 32,531 302 —	3°,5~/, ⁸ 43 4,472,1°3 4,458,775 150,370 367,736	36,070,492 4,760,954 4,390,219 148,915	
Total	120,953	41,976,827	45,370,530	

Increase of the People.

Year.		Increase.		Decrease.			Marriages.
	Births.	Immigrants,	Total.	Deaths.	Emigrants.*	Total.	- imar ringes.
1907 1908 1909 1910 1911 1912 1913	1,148,624 1,173,784 1,145,900 1,122,925 1,104,986 1,096,518 1,102,123	293,633 342,922 261,325 298,779 350,429 340,696 360,458	1,442,257 2,516,706 1,407,225 1,421,704 1,455,418 1,437,214 1,462,571	678,851 675,185 667,668 630,386 672,138 631,491 652,793	263,199 288,761 397,848 454,527 467,666 457,666 459,640	1,074,531 938,384 956,369 1,028,234 1,126,665 1,099,157 1,122,433	33z,zz8 319,z80 313,30z 320,699 329,986 338,988 34z,z47

Decennial Increases.

		Pop	ulation.		. Intercensal.		
Census.	Males.	Females.	Total.1	Decennial Increase.	Arrivals.	Departures.	
1871 1881 1891 1901 1911	15,368,052 17,038,735 18,384,126 20,172,984 22,012,872	16,261,247 17,987,373 19,496,638 21,435,107 23,352,727	31,845,379 35,241,482 38,104,973 41,976,827 45,365,599	2,524,091 3,395,103 2,863,491 3,871,854 3,388,772	798,426 1,157,506 1,591,878 2,432,581	1,976,577 2,244,338 3,560,096 2,659,936 4,790,826	

Births, Deaths, and Marriages.

	Births.	Rate per 1,000.	Deaths.	Rate per 1,000.	Marriages.	Rate per z.000.
1895 1900 1905 1905 1909 1910 1911 1912 1913	1,154,898 1,159,922 1,163,506 1,173,784 1,145,900 1,122,925 1,104,986 1,096,518 1,102,123	29'4 28'2 26'9 26'6 25'7 25'0 24'4 24'0 23'9	735,244 757,732 669,638 675,185 667,668 930,386 672,138 631,491 652,793	18'7 18'4 15'6 15'3 15'0 14'0 14'8 13'8	279,746 311,254 375,090 319,280 313,302 320,699 329,985 338,988 342,247	14'3 15'1 14'7 14'5 14'1 14'3 14'6 14'8

* British and Irish Emigrants only.

* Taskading Name Agent and Scomen almost

OVERNMENT

ethition is mainly unwritten and customary be its development is marked by certain outstanding and inndamental laws, of which the principal are and inndamental laws, of which the principal are proposed in the principal and an area of the form of the principal and area of the principal of the principal and in the principal and the equal administration of justice; the secon established the liberty of the person; the thir provided for the Protestiant succession to the Kungion; and the last enabled the Commons to pass certain Acts without the adherence of the other Chamber. The constitutes parts of the

British Constitution may be thus briefly described:

The Sorseign.—The throne is herecitary in the English house of some of the sort of the here in the English house of some of the sort of the here in the foreign and their descendants having proceeding and their descendants having proceeding and their descendants profes encover lateral libes. The Monarchy is country to the sort of the their sort of the their sort of the their sort of the their sort of the so

agamst the Autorney venera,

2. The Legislature.—Parliament consists of two
Houses, the House of Lords and the House of
Commons. (e) The House of Lords and the House of
Commons. (e) The House of the House
Legislature.—Parliament of the House
Legislature.—Parliament of the House
Legislature.—Parliament of Lords.

To election. English bishops, Irish peers elected
for life, and Scottish peers elected for duration
of Parliaments. also sit in the House of Lords.

Members of

The state of the s

(b) The Home of Commons.—This body consist of 670 members, elected by the registered melectors in county, borough, and university estituencies. Roughly speaking, about one-sit of the population are electors. The maxim

uration of Parliament is five years. Members f the House of Commons receive \$2,000 per

5. The Executive.—The Crown (the King is conceil) "make peace and war, lause charters conceil)" make peace and war, lause charters of the conceil to the

be dismissed at any moment,

4. The Judicature. (c) Engineed and Widesby Indiges appointed by the Crown, who hole office for Hie, and cannot be removed save on petition presented by both Rouse of Parliaments of Parliaments of Parliaments of Parliaments of Parliaments Chancery, and Froiate, Divorce and Admiral; Divisiona. Two Oouts of Appeal hera appeal from these divisions, the ultimate Court of dom being the Rouse of Londs. All civil cases arising in London and Middleses are tried at the Royal Courts of Justice, but civil cases arising the King's Bench. The Chancery Division has exclusive jurisdiction to try craft in classes actions. To the County Courts is relegated the does not exceed a certain amount. The Count Courts, too, have jurisdiction to try cases arisin under certain special Acts of Parliaments.

County Courte have jurisdiction in bankruptoy.

The property of the property o

entirely different from that of England, is ad ministered by the Court of Session, which is a court of law and equity. The High Court of Justiciary is the supreme criminal court in Sectional It consists of all the indexs and a

under a convener, Burgh Councils under a Lord Provost or Provost, and Parish Councils with Chairmen. Ireland has popularly elected Councils for Counties, Boroughs and Rural Districts, the municipalities having Lord Mayors

GEORGE THE FIFTH, King of the United Kingdom of Great Eritain and Ireland and of the British Dominions beyond the Seas, Defender of the Faith, Emperor of India, only surviving born at Marlborough House, 3 June, 1865; married, 6 July, 1893, Princess Victoria Mary Augusta Louisa Olga Pauline Claudine Agnes,

- Edward, Prince of Wales, born 22 June, 1894.

L. Elmores Louise, Primers Royal, borna Peb., 1869, married a; July, 1889, to the late Duke of Fife, and has issue two daughters, () H. Hi. Primess Alexandro, Phoness of Pcyl, born xy May, 1807, married (1932) Princes Arthur of Comnaught, and (ii) H. H. Princess Mand, horn a July, 1892, 2. Princess Victoria, horn 6 July, 1866, 2. July, 1894, Norway (Princess Bands), born of Nov., 1869, married as July, 1895, to King Hankou Y.H. of Novany.

III., German Emperor, died 5 Aug., 1901, leaving

Alice), born 25 April, 1843, married 1862, to the late reigning Grand Duke of Hesse, died 14 Dec.,

1844, married 23 Jan., 1874, to the Grand Duchess Marie of Russia, died 30 July, 1900, leaving issue.

Schleswig-Holstein, born 25 May, 1846, married 5 July, 1866, to Prince Christian of Schleswig-Holstein, and has surviving issue, one son and

 Duke of Connaught, Field-Marshal, Governor-General of Canada, born 1 May, 1850, married
 March, 1879, to Princess Louisa Margaret of rig March, 1876, to Frincess Louiss Margades of Prussia, and has issue, (i) Crown Princess of Sweden, (ii) Prince Arthur of Connaught, born rg. Jan., 1883, married (1912) the Duchess of Fife, (iii) Princess Patricia of Connaught, born 17 March, 1886.

tative Peers elected for life-total 63. The Representative Peers elected for life-total 63. The House of Commons consists of 670 members, elected for a maximum of 5 years by direct vote of registered maie electors, the qualification

being ownership or occupation and registration. The total number of registered voters in the United Kingdom is just over 8,000,000.

Speaker of the House of Lords, The Lord Chancellor (see Cabinet), \$20,000; Speaker of the House of Commons, J. W. Lowther, \$25,000.

Year.	Lib.	·Nat.	Lab.	Cons.	Un.	Maj.
1874 1880 1885 1886 1892 1895 1900 1906 1910	247 357 331 188 273 177 186 387 275 272	56 62 82 84 81 82 82 84 82 84		349 233 247 314 268 340 334 158 273 272	8x · 47 7x 68	46 C 124 L 166 L 123 C 39 L 152 C 134 C 354 L 124 L 186 L

472 Great Britain	—Executive.
(December, 1910) was as follows on 30 Nov., 1914;— Liberals	Financial Secretary, War Office, Henry William Forster Parliamentary Under Secretaries:— Home Office, William Brace Foreign Office, Lord Robert Cecil War Office, H. J. Tennant
Total	Colonial Office, A. H. D. R. Steel- Maitland
*** In June, 1915, a coalition government was formed, comprising members of both political parties, for the effective carrying on of the War.	Fisher. Board of Education, J. H. Lewis Board of Agriculture, Francis Dyke Aciand Munitions, C. Addison, M.D
THE EXECUTIVE. The Fivry Council. The King in Council is the supreme executive authority in the realm. The Privy Council meets as a whole at the beginning of a new reign and on other coassions of state and ceremony, possesses cortain administrative powers, and is the supreme Counc of the Empire.	Treaspry :— Loriz, G. H. Roberts, Hon. Geoffrey Howard, W. C. Bridgeman, Waiter Rea
The Ministry. The Cabinet. (As reconstituted in June, 1915.)	each i Paymaster-General, Lord Newton un Solicitor-General, Sir George Cave (and fees)
Prime Minister and First Lord of the Treasury, Herbert Henry Asquith \$25,000 Lord High Chancellor, Lord Buckmaster (and \$20,000 as Speaker of the House	Scotland. Secretary for Scotland (see Cabinet) Lord Advocate, Robert Munro
of Lords) 50,000 Minister without Portfolio, Marquess of Lausdowne unpaid. Lord President of the Council, Marquess of Crowe Sto,000	Ireland. Lord Lieutenant, Lord Wimborne 20 Chief Secretary (see Cabinet) Lord Chancellor, Ignatius J.O'Brien 3
Lord Privy Seal, Earl Curzon of Kedle- stonunpaid. First Lord of the Admiralty, Arthur	Attorney-General, John Gordon

England and Wales.

Justices, The Lord High Chancellor; Sir R. Neville, Sir H. T. Eve, Sir C. H. Sargant, Sir J. M. Astbury, Sir R. Younger(each \$25,000)

Bz-Officio Judges, The Lord Chancellor, the Lord Chief Justice, the Master of the Rolls, the Lord Chief Baron.

Lords Justices of Appeal, Stephen Ronan, Thomas F. Molony each \$20,000

U.K. WHEAT (GRAIN) IMPORTS, 1892-1913.

Year.	Total Imports.	From Canada.	From India.	From Australia.	From U.S.	From Russia.	From Argentina.
1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914	cwt. 66,536,078 68,659,490 69,708,530 81,002,227 88,131,030 97,782,550 97,622,752 92,667,269 97,158,000 97,154,4-5 105,222,638 98,057,787 109,572,539 109,572,539	cwt. 5,255,500 6,337,600 6,691,710 9,527,475 10,802,127 6,508,600 13,220,500 13,220,500 13,220,500 15,796,595 16,449,200 14,3373,700 21,787,900 21,787,900	cwt. 8,192,200 6,100 3,341,590 8,841,586 17,657,857 22,807,622 12,636,200 18,259,600 2,948,900 14,633,200 17,916,738 20,161,518 25,379,400 18,766,100 10,708,900	cut. 2,997,430 2,651,600 5,437,700 4174,753 26 10,285,900 10,064,700 7,785,100 8,324,200 5,518,200 13,117,500 14,100 15,100 16,100 17,100 18,1	Cwt. 34, 650, 648 34, 550, 648 34, 550, 648 34, 70 39, 466, 300 423, 312, 561 24, 107, 895 6, 738, 300 22, 554, 400 19, 946, 100 25, 768, 900 12, 939, 229, 239, 229 19, 973, 394, 200 12, 939, 329, 394, 200, 79, 943 34, 220, 156	cwt. 2,518,200 4,478,300 2,541,500 6,540,457 17,176,300 25,550,800 16,057,500 11,430,100 5,147,110 28,941,600 9,005,000 5,001,000 5,001,000 5,001,000 5,001,000 5,001,000 5,001,000	cwt. 11,368,600 18,524,400 8,080,400 4,3315,105 14,120,454 14,441,600 23,258,900 13,176,500 21,900,600 31,691,400 20,337,800 15,131,800 14,726,200 6,497,756,200 6,497,756,200

NAVY.				Name. (H=Turbines.)		Tons.	Main '
The British Navy	consi	sts of t	he following	(5=Turbines.)		1008.	Armament.
ships, and in addition in the 1914-15 Shipl		g Progra	im. Several				(4×xz in.
vessels have been ad particulars are not	ded sir	ice the w	ar began, but	Vengeance	1899	12,950	za×6 in.
the Navy was 276,482			personnet of	Albion	1898	27	
				Glory	1899 1898	12,900	
Name.	L'chd.	Tons.	Main Armament.	Goliath	1898	211,900	
D 447 - 7.1 1					1897	33	
Battleships:			/10×15 in.	Illustrious Cæsar	1896 1896	14,900	
Royal Oaks		25,500	16×6 in.		1896	22	
Resolution		23	1.1.31	Mars	1896	33	
Renown§	_	27 .	27	Jupiter	1895	32	
Royal Sovereigno	1914	21	21				
Malayah	IQI4	27,500	8×15 in.		1895		
Warspitel	1014	22	(16×6 in.	Magnificent	1894	33	27
	IQI4	32	- 11	Battle Cruisers :			
Barhams	1914	22	17		IOIS		m) (in
Queen Elizabeth	1913	25	(10×13.5 in.	Queen Mary§	IQIZ	27,500	8×13.5 in.
Iron Dukes	1912	25,000	113×6 in.	*Australia6	IgII	18,800	(8×12 in.
Marlboroughs	1912	22					116× 4 in.
Emperor of Indias Benbows	1913	22		†New Zealando	igii	n ,	8×13-5 in.
	1913	23,500	. 11	Lions	1910	26,350	16×4 in.
King Georges	IQII		22	Princess Royals	1911	g,	12
Centurion	1911			Indefatigable	1909	18,750	8×12 in.
Conqueroro	1912	37			1907	17,250	(10 × 4 10.
		22,500	52 92		1907	-37	11
Orioné	1910			Indomitable	1907	12	. , 28
Monarch	1911	33		Cruisers:			
Hercules	1910	20,000	10×12 in,				6 4×9'z in.
Neptune St. Vincent	XQQQ	10,000	22	Defence	1907	14,600	(10×7'5 in.
St. Vincento	1908	. 19,250	27	Minotaur Shannon	1906	22 ~	27
Vanguardý	1908	22	27			27	(6×9'z in.
Bellerophono	1907	18,600	. 37	Achilles	1905	±3,550	t4×7'5 in.
Temeraire	1907	27		Cochrane	1905	_ 22	23
Superbý	1907	23	5 - 25° - in	Warrior	1905	22	27
Dreadnought	1906	17,900	{ 4×12 in. 10×9'2 in.	Duke of Edinburgh	1904		6×9'z in
Lord Nelson	1906	16,500	22			22 `	lzo×6 in.
Agamemnon	1906	22	21	Black Prince	2904	. 22	(4 Vere in
Hibernia	1905	16,350	4×12 in. 4×92 in.	Devonshire	1904	10,850	(4×7'5 in. (6×6 in.
	1903	10,330	to×6 in.	Roxburgh	1904	-33	37
Africa	1905	22	30	Argyll	1904	19	
Britannia Kealandia	1904	27	,	Carnaryon	1903	30	. 22
King Edward VII.	1903	33	27	Antrim	IQOZ		
Commonwealth	1903		22	Suffolk Lancaster	1903	9,800	14×6 in.
Dominion	1903		37	Cumberland	1002	22	33
	1903		(4×10 in.	Donegal	1902	22	"
Swiftsure	1903	11,800	114×7'5 in.	Berwick	1902	>>	22
Triumph	1903	11,985			1902	22	33
Cornwallis	IgoI	14,000	{ 4×xz in. rs×6 in.	Kent	goi	22	,,,
Exmouth	1901		(10/0 111		1901	14,100	z×9'z iu.
Russell	IgoI				1 1901		(16×6 in.
Albemarie	1901				1901	,,,	
	1901	1 15,000			IQOI	12,000	2×9'2 in.
Queen Prince of Wales	1902						lız×6 in.
Venerable	1899			Bacchante	1901		
						11,000	16×6 in.
					1898		
	1898			* Australian Ship.			

	L'ehd.	Tons.	Main Armament.	Name. (%=Turbines.)	L'chd.	Tons.	Main Armament.
	1898	11,000	16×6 in.	Vindictive	1897	5,750	ro×6 in.
	1898			Furious	1896		
	2897			Flora	1893	4,360	ja×6 in.
	1897						18×47 in.
*Niobę Diadem	1897			Fox	1893		
	1890			Forte	1893		
	1895		2×9°2 in.	Cambrian	1893		
			(10 X 0 111.	Chambilie	1893		
	1892	7,700	tex6 in.	(harybdis Hermions	1893		
Theseus	1892	7,350	"	Astræa	1893		
Orafton	1802	71350	27	Æolus	1891	3,600	(2×6 in.
	1891	. 22				3,000	16×47 in.
	1890			Brilliant	1891		,,,
			1 X 9'2 iB.	Melpomene	1801	3,600	
Crescout	1892	2.7	12×6 in.			31000	
Royal Arthur	1891			*Rainbow	1891-		
Edgar	1892		5 2×9'2 in.	Sirius	1890		
	- Julya		(13×6 in.	Scylla	1891	3,400	
	1892	0,000	(4×6 m. 2×4 in	Sappho	1891	3,600	4×47 in.
				Ipnigenia,		3,000	4/47 111.
Blake	1891	9,000			1890	3,400	
** ** ** ** **				Naiad	1890		
					1890		
		4,000			1890	22	
Conquesty Comus Cleopatra Cleopatra Champiou Cordelia Carysfort		27		Apollo	1890		
		22		Apollo	1904	3,000	12×4 in.
			_		1904	22	
					1903	22	31
		3 22			1003		" "
		25		Pandora	1000	2,200	8×4 in.
	1913				1800		
	1013			Prometheus	1898	2,135	
	1913			Psyche	1898		
	1913			Perseus	1897		
	1913	- 12		Pyramus	1897		27
	xox3	- 11		Pegasus	1897	93	33
	1913				1896		
Phaetoný Arethusaý	1913			Pelorus	1896		8×4'7 in.
	Igii	5,400	8×6 in.	Philomel	1890	2,575	6×47 in.
	1912			Barham	1889	1,830 2,800	0×47 III.
	1 1912	29	33	Medea		3,360	ro×4 in.
	1913	91		Fearlessý	1912	3,440	
Lowestortý	1913	5,440	33	Actives	1911	3,440	22
Nottinghamy	1913	33		Blanches	1909		
Birmingham Lowestort Nottingham +Melbourney	1913	5,400			1909	22	6×4 in,
	1913	22	73	Bellona Boadicea ý	1909	2,200	
	1	77	8×6 in		1905		9×4 in.
	1911	5,250		Attentive	1904	2,670	. 974
	1910			Sentinel	1904	2,895	21
	1910	. 11				2,040	
		33	f 2×6 in.		1904	2,670	
	1910	4,800	tro×4 in.		1904	2,850	27
	Igog			Forward	1904	33	
Glasgowý			1 . 10				
	IQQQ	97		Torpede Vessels: 17			
	1909					Built, 8;	building, x
	1902	5,880	11×6 in.	Depot Ships for Sub			a: building.
	1002						-t · bnilding
	1898	5,600		Torpedo-Boat-Destr		Dune, 19	ert , namariis
	1898		22	38.			
	1896			Tarnedo Boats (New	Type)	: 36.	
	1896						8, 73.
Doris	: 1896			Submarines: Built	9 3-		22.1
	1895						
lyis	1895			+ Cana			
	1895						
	1895		(EX6 in.	1 Including Australia			
	0		16×47 in.				

ARMY.

The British Army is recruited by voluntary equations of the sadministered by an Army Council. The Home Army is divided into six Divisions with headquarters as follows:—I. and II., Alders'pot; III., Southern (Salisbury); IV., Eastern (Woolwich); V., Ireland (Curragh); VI., Ireland (Cot, The total land forces are shown

below: -STRINGTH OF THE BRITISH ARMY, 1914.
Regular Forces, (at home and abroad) ... 169,868
Regular Forces in Irolia ... 75,869
Crown Collony and Native Indian Corps ... 69,765
Royal Reserve ... 189,761
Millia Reserve ... 189,761
Millia Reserve ... 189,761
Millia Reserve ... 189,761
Millia Reserve ... 189,761
Channel Islands Millia ... 25,667
Territorial Force ... 35,438

abroad). 28,849
Horses and Mules (India) 21,458
*** About 3,000,000 troops have been already enlisted for the new Army (30 Nov., 1915).

A Cavalry Brigade comprises 3 regiments, and is usually commanded by a Brigadier-General. Total strength on a war feeting, 1,607.

and it also usually commanded by a Engalterand it also usually commanded by a EngalterA Division comprises 2 pindary Brisades and
the following Divisional troops: Divisional
Artillery commanded by a Engalted-General),
3 Field Artillery Brigades, 2 Field Artillery
(Bowltzen) Erigade, 2 Fiesty Artillery battery
(Bowltzen) Erigade, 2 Field Straighttion column; Divisional Engineers, a Field
companies, 10 Fivisional Tengraph company;
Divisional monthler freely, a mounted infantry
column, 2 Divisional transport and apply)
park; Divisional transport and supply
park; Divisional medical units, 3 field
ambulances. A Division is usually commanded
froot of the Column of t

EDUCATION

The Educational System of the United Kingdom is twofold, being partly under State and Local control and management, and partly under parental and private arrangements.

Elementary.

Elementary Education is compulsory for a brildren between 5 and 14 years of age, and i provided free at Public Elementary School maintained by Local Authorities and aided b State Grants.

In England and Wales out of the whole number of such children (about 61/2 millions) nearly 51

⁶ The Officers' Training Corps above mentioned incluonly the Senior Division (Universities and Universities and Universities and University College Contingents); the Justice Physical (Public School, Contingents) amounted in 1922-13 to 444 officers and 18.

millions are on the books of such schools, Whigh are 21,356 in number, and staffed by 163,637 adult teachers. Included in the above number e are (in populous districts) special schools to: defective children.

Secondary

Considerable progress has been and is being made towards a public provision of accessible secondary Schools affording suitable courses for pupils of about 12-16 (in some cases 18) years of the.

age. In England and Wales there are 1,097 Secondary Schools regarded as efficient by the Board of the Schools regarded as efficient by the Board of the University of the Schools of the S

In Scotland such schools are administered by School Boards, and in Ireland by an Internediate Education Board.

Hankming?

Technical Education in England and Wales is provided in Evening and smillar schools (mostly controlled by Local Authorities), 8,66 in number, provided in Evening and smillar schools (mostly controlled by Local Authorities), 8,66 in number, grants are pick of whome with the controlled controlled and the controlled cont

In Scotland Technical Education is provided n like manner, but in Ireland by a Department of Agriculture and Technical Instruction.

Training is provided by the State for Elementary School Teachers, of whom 50 per cent. have been trained in Colleges having nearly 33,000 places. Slight progress has been made lately towards providing for the Training of Teachers for Secondary Schools, a small annual State grant heirs made for the nurses.

Timinomities

There are \$6 Universities in the United Kingdom, of which so are in England, 4n Scotland, 1 in Wales, and 3 in Iroland. These, with dates of foundation, are offord (rasp.) Cambridge (rasp.) Durham (833), Londom (836), Manchester (1850). Etraligham (1950), Liverpool (1952), Leedin (1940). Steffield (1954), and Bristol (ropo), in England: days (1954), Likasow (1950). Abordiene (1954), and Edinburgh (1950), in Scotland; and Bullin (1959). National (1950), and Belfrat (1950), in Scotland; and Bullin (1959). National (1950), and Belfrat (1950), in Scotland; and Scotland; a

Besides these 18 Universities there are 4 independent University Colleges providing higher instruction. Most of these Universities and University Colleges receive State grants in respect of technical and professional work under the Board of Education Regulations. There are unwards of 9,000 full-time students at these State-aided Universities.

Year.	Revenue.	Expenditure.
	\$	\$
1910-11	1,019,253,000	789,725,000
1911-12	925,450,000	_850,000,000
1912-13	. 944,010,000	892,725,000
1913-14		943,110,000
1914-15	1,133,470,000	1,034,620,000

дьотедио.	1913-14.	1914-15.
	\$	\$
Customs	172,287,000	171,801,000
Excise	192,407,400	192,699,000
Estate Duties, etc	132,964,740	139,768,000
Stamps	48,454,760	48,114,000
Land Tax	3,402,000	3,402,000
House Duty	9,720,000	9,720,000
Income-Tax (including		
Super-Tax)		274,833,000
Land-Value Duties		3,523,500
Total Tax Revenue	792,340,940	843,860,500
Postal Service		105,705,000
Telegraph Service		15,066,000
Telephone Service		33,534,00
Crown Lands		2,575,80
Suez Canal Shares, etc.	7,678,800	6,658,20
Miscellaneous	11,197,440	10,351,80
Revenue	171,140,040	173,890,80
Balances	1,020,600	
Total Revenue		1,017,751,30
Total Expenditure	950,819,300	997,199,00
Surplus	13,692,380	29,552,30
Extraordinary Revenue		
(Borrowed)	15,430,500	25,587,90

Expenditure.						
Expenditure.	Payments, 1913-14.	Estimate,				
National Debt, In- terest, etc National Debt, Repay-	. \$ 8a,346,840	\$ 81,301,26				
ment of Capital Road Improvement	36,722,160	32,848,64				
Fund	6,518,400	7,508,70				
Taxation Other Consolidated Fund Services	46,971,900 8,381,440	48,041,10 8,201,16				
Army	137,222,100	140,381,10				
Old Age Pensions Insurance and Labour Exchanges Education and other	267,241,680	277,340,00				
Civil Services Customs, Excise, and Inland Revenue Post Office Services	22,010,380	23,430,00				
Total Expenditure	950,809,300	997,199,00				

...... 15,430,500 25,587,90

149,078,900

1/2 per cent. Consols \$2,697,138,275 \$2,680,233,295

Other Liabilities 28x,920,095

Assets (\$16,214,530) and Exchequer balances Cost of the Debt.

1913-14. \$73,160,035 ... \$73,935,540 III. New Sinking Fund ... 26,142,425

Sinking Fund.

Large sums are paid off annually by means of (a) the New Sinking Fund, which is the balance

A WAR LOAN of \$1,701,000,000 was raised suc-cessfully, being over-subscribed, in November, 1914. A second public loan in July, 1925, amounted to \$2,000,000,000

The following table shows the net value of the total outputs of Farms, Fisheries, and Factories of the United Kingdom, according to the results of the first Census of Production of the United Kingdom (1907). The net output per person employed was \$585, and the horse-power of

20'	Geographical Division.	Value of Output.	Permanentl Employed (Number).
20	England and Wales:— Agriculture (1908) Fisheries Other Industries	\$ 638,250,000 40,780,000 3,014,970,000	576,000 36,210 5,808,269
00	Total	3,694,000,000	6,420,470

Great	Britai	n-Trade,	Transportation.	

Cocambidal Diction.

Scotland:—

Scotland:

Tron and Steel, Engineering and Shipbuilding Trades Sneihurs, Ediline, in Founding Sneihurs, Inc. 1997,

....

168,252,800

The total value of the trade in the five ye

Miscellaneous

Merchandiz

Year.	Imports.	Exports.	Total.
1910 1911 1912 1913 1914	\$ 3,391,285,120 3,400,787,635 3,723,203,155 3,736,050,831 3,483,175,565	\$ 2,670,749,085 2,784,392,160 2,994,805,650 3,085,226,778 2,153,606,785	\$ 6,062,014,1 6,185,179, 6,718,008.1 6,821,277,1 5,636,782,

3-27,28 / 72,10 regarding and repair of briggs and main roads is within the jurification of the County Authorities in each Division of the United Kingdom, other roads being maintenance of the United Kingdom, other roads being maintenance of the Councils. The increase of motor traction, and the consequent use of highways by other than county or district residents, has led to a move-highway, and a Decelopment and Road Improvement Fund (the inter derived from duty on motor spirit and from carriage licences) has on motor spirit and from carriage licences has on highways, and a Decelopment and Road Improvement Fund (the inter derived from duty on motor spirit and from carriage licences) has of highways. On 2r March, 1914, this fund amounted to Schrytzys.

Peats and Zelographs.—In the year ending 3 March, 1924, 54,77,800,000 letters (95 per head of the population) were delivered in the United Kingdom, in addition to age 500,000 peak cards, 1925 and 1925

Manigations.—In 1905 there were 4.573 miles of canals, carrying 43.161,927 tons of merchandize, the revenue being \$3.3403.350 and exponditure \$54.450.65. Of the total mileage 3.563 miles were owned or controlled by railway companies. The total paid-up capital was \$237,753.46. The Manchester \$340 Canal, opened in 1894, has a

Shipping—In spa the mercantile fundamen of the United Kingdom consisted of 2 sign steamer the United Kingdom consisted of 2 sign steamer the United Kingdom consisted of 2 sign vessels. It spans a sign of the consistency of warning and sign of the consistency of warning sign of the consistency of warning sign of the consistency of warning sign of the consistency of the con

PRINCIPAL ARTICLES IMPORTED BY GREAT BRITAIN, 1913 AND 1914.

CLASSIFICATION.	1913.	ngną.	CLASSIFICATION.	1913	-1914(
ood, DRINK, AND	\$.	\$	RAW MATERIALS AND	s	s
TOBACCO		1,484,846,035	MAINLY UNMANU-		
Non-dutiable	1.086,143,875		. FACTURED	1,369,657.078	1,182,656.915
Grain and Flour	415.503,802	398,181,345	Iron Ore	35,925,452	4 27.436.720°
Wheat	213,036,980	223,670,395	Other Metallic Ores	49,559,024	47.667,325
Barley	39,254:506	28,301,569		- 168,213,970	
Oats	27,565,711	23,372.085	Raw Cotton	342,97z.858	
Maixe	66,121,193	58,804,560	M.00J	183,399,060	171,233,610
Wheatmeal & Flour	30,850,167	27,745,240	Other Textile Materials	95,990,516	
Ricc	11,002.394	12,879,725	Oilseeds, &c	202,042,065	
Ment	275,690,357	311,110.175	Hides and Skins	72,225,475	63,635,330
Animals for food	1,482,606	231,475	Paper-making material	28,254,802	29,791,075
Bacon	84,704,361	91,277,840	Miscellaneous,	193,663,885	155,715,920
Hams	14,911,699	15,315,390			
Beef, fresh & frozen	78,104,088	95,316,855			
Mutton, fresh and					
frozen	53,012,821	57,051,550	WHOLLY OR MAINLY		
Pork	8.034,306				802,451,080
Butter		120.071,330		74,025,736	54,385,245
Cheese		39.830.810	Other Metals	156,016,818	148,021,660
Eggs	40,610,326	43,264,000	(utlery, Hardware, &c.	35,858,820	25,071,015
Rish	23,550,465	28,368,955	Electrical Goods	7,714,240	6,213,850
Fruit	60,652,952	58,392,710			33,562,495
Lard	26,984,765	23,754,715	Wood and Timber	17,414,290	11,684,590
Margarine	19,040,027	19,886,805	Cotton Yarn & Manufs.	59,532,451	46.866.545
Vegetables	20,105,003	37,605,955	Woolen ,,	50,983.567	38.242,045
Dutuble	285,401,163	340,215,475	Silk	73,460,751	66,964,220
Cocoa	20,768,121	21,085.455	Other Textiles	44,367,829	36,755,620
Coffee	14,206,183	17,746,385	Apparel	29,047,210	21,263,750
Confectionery	8,939,276	5,522,655	('hemicals, Dyes, &c	61,120,803	60,322,150
Dried Fruit	16,951,797	16,423,145	Leather and Manufs.	65,273,503	67,390,740
Condensed Milk	10,183,622	10,425,605	Earthenware and Glass	22,094,857	14,971,535
Spirits	8,413,924	8,948,740	Paper	37,297,676	33,955,955
Motor Spirit	18,434 509	16,660,600	Motor Cars	40,617,080	36,334,470
Refined Sugar	60,026,282	78,065,115	Miscellaneous Manufs.	128,904,792	99,374,545
Unrefined Sugar	52,077,500	82.525,735	By Parcel Post	15,102,921	9,618,280
Tea	66,984,918	71,107,480			
Wine	19,819,775	18,151,565	· Total\$	2,736,050,83X	3,483,175,565
Tobacco	40,162,810	37,315,340		3-,-3-	73.343

Wine	19,819,775	18,151,565 37,315,340	Total\$	3,736,050,831	3,483,175,565			
PRINCIPAL DOMESTIC EXPORTS OF GREAT BRITAIN, 1913 AND 1914.								
CLASSIFICATION.	2923.	frgsal -	CLASSIFICATION.	1913. ^	jrgrą.			
	\$	\$	Machinery	. \$. \$			
OOD, DRINK AND	158,377,398	134,742,710	Ships, New	179,881,406 53,588,887				
Grain and Flour	150,377,390	15,475,400	Wood Manufactures	9,922,370				
	6,021,088	5,695,810	Cotton Yarn	72,930,574				
		8,846,800		475,190,455	395,875,855			
		6,463,775	Other Cottons	62,003,302	55,675,210			
	28,174,597	11,703,885	Wool Yarn & Manufs.	180,908,698	174,798,195			
	20.155,578	29,972,865	Silk	10,485,506	9,327,865			
		18,540,080	Other Textiles	70,063,948	64,911,305			
	339.338.141	283,565,410	Apparel	79,822,219				
	z£0.605,947	211,010,640	Chemicals, Drugs, &c.	106,755.516				
Wool	22.470,054	22,345,450		27,450,621				
	21,714,985	19,811,460	Earthenware and Glass	25,336,254				
Hides	9,167,442	6,615,540		17,880,887				
				55,238,215				
	1,999,030,239	,693.167,820		166,351,720 44,489,067	151,947,270			
Iron and Steel	263,897,572	208,339,150			35,502,600			
Other Metals Citlery and Hardware	38.745.727	51,416,415	Total\$	2,552,602,104				
	30.745.707		20000 000		-1-2310-01/03			

Population (rgrr), 4.522.06r. Greater London. Government.-The City of London

Lord Mayor, 9 Nov., 1915-1916, Rt. Hon. Sir Charles Wakefield, Kt., \$50,000.

Sheriffs, 29 Sept., 1915-1916, Alderman George Alexander Touch, Samuel George Shead. The growth of the Metropolis has been met by

Charman of the LUU. (1915-1916), Cyril Juckson, uppaid.
Other municipal authorities are the Metropolitan Water Board, the Port of London Authority, and the Metropolitan Asyluma Board.

		Cities and Towns	With a
opulation exce	eding ro	0,000, Viz. :	
London 7	,252,963	Stoke-on-Trent	234,55
Birmingham.	840,202	Croydon	169,55
Liverpool	784,455	Willesden	154.26
Manchester.	714,427	Sunderland	151,16
Leeds	445,568	Oldham	147,49
Sheffield	407,313	Tottenham	137,45
Bristol	357,059	East Ham	133,50
West Ham	289,102	Blackburn	133,06
Bradford	288,505	Brighton	131,25
Hull	278,024	Birkenhead	130,83
Newcastle	266,671	Walthamstow	124,73
Vottingham	350.043	Levton	

306,377 180 88E 108,602

The Cathedral Cities of England are Birmingham (pop. 840,202), Bristol (pop. 357,059), Canterbury (pop. 24,628), Carlisle (pop. 46,432), Chichester (pop. 12,594), Durham (pop. 17,550), Ely (March), Exeter (pop. 48,660), Gloucester (pop. 50,020), Hereford (pop. 22,568), Ipswich Ely (anacur, (pop. 52,528), Hereford (pop. 52,528), Hereford (pop. 58,677), Lincoln (pop. 57,294), Liverpool, London, Manchester, Newcastle, Norwich, Oxford (pop. 53,294), Petersele, Norwich, Oxford (pop. 53,294), Rochember (pop. 53,28), Rochembe castle, Norwich, Unford (pp. 53,049), Peter-borough (pp. 33,558), Ripon (pp. 8,328), Roch-ester (pp. 31,388), St. Albans (pp. 18,328), Salis-bury (pp. 21,328), St. Albans (pp. 18,328), Salis-bury (pp. 21,328), Heffield (pp. 49,333), Southwark (pp. 19,125), Southwell (pp. 2,360), Truro (pp. 11,328), Wakefield (pp. 25,136), Wells (pp. 4,655), Winchester (pp. 23,386),

Worcester (pop. 47,987), and York (pop. 82,397).

Walks contains 3 Cities and Towns with a
population exceeding 100,000, viz.:—*Cardiff 182,280; Rhondda, 152,798; and Swansea, 114,673. The Cathedral Cities of Wales are Bangor (pop. 1,237), Llandaff (pop. 6,925), St. Asaph (pop. 2,000), and St. David's (pop. 1,739). Capital of Scotland, Edinburgh. Popula-

The Episcopal Bishoprics in Scotland are

exceeding 200,000, viz. :- Dublin, 403,030; and

Belfast, 385,492.

LONDON AREAS.	AREA IN	POPULATION.	
LONDON AREAS.	ACRES.	. zgoz.	zgrr.
Within the Registers (General's Tables of Mortality within the Entits of the County of Leadon (Ity of London within Manicipal and Parliamentary Limits Central Ciriminal Count District Metropolitan Police District (text including City) Metropolitan and City Folice Districts Metropolitan August Metropolitan August Metropolitan August Metropolitan Metropoli	442,749	4,536,267 26,923 6,079,115 6,554,449 6,581,372	19,657 6,610,031 7,231,701

British Colonies, &c.

The Dominions, Colonies, and Protectorates of Great Britain have a total area of 13,002,200 square miles and a population (1911) of 383,870,150. Canada, Newfoundland, Australia, New Pealand, and the Union of South Africa are self-govering, with Governors-General representing the Government of Great Britain, and elected legislatures of two Houses, with ministers responsible to them.

AMERICA

1401101010101	•	
Divisions and Capitals.	Area. (Sq. Miles).	Popula- tion. (1911).
Canada (Ottawa)	3,730,000	7,200,000
and Labrador	163,000	18,000
British Honduras (Belize) British West Indies	8,600	50,000
British Guiana (Georgetown)	90,300	310,000
Falkland Islds. (Port Stanley) Antarctic	5,500	4,000
Total	4 OYT #30	- Fra 000

Dominion of Canada.

Alberta British Columbia Manitoba New Brunswick Nova Scotia Ontario Prince Edward Island Quebeo Saskatchewan Yukon	255,540 355,855 251,832 27,985 21,428 407,262 2,184 706,834 251,700 207,076	374.663 332,480 .455,614 351,889 492,338 2,523,274 93,728 2,003,232 492,432 8,512
North-West Territories	1,242,234	18,481
Total	3,729,920	7,206,643

Roman estinones numbered 2,833,641, Methodists 1,009,892, Presbyterians 1,125,324, Church of England (Protestant Episcopal) 1,043,017, Baptists 382,666, and Lutherans 229,864.

Governor-General, H.R.H. the Duke of

	. IQI3.
Total Revenue	\$168,689,90
Total Expenditure	IIZ.050,535
Imports from U.S	
Imports from Great	422:20-1222
	//
Bretain	
Domestic Exports	355,754,600
Exports to U.S	167,110,38:
Exports to Great	
	THE ORD CO.

CAPITAL, Ottawa. Population (1911), 87,052. OTHER CIFIES.—Montreal, Qué. (470,480: Fornoto, Ont. (376,538), Winnipeg, Man. (136,058) Vancouver, B. C. (100,401), Hamilton, Ont. (81,959) Quebec, Que. (78,910), Halifax, N.S. (46,619), London, Ont. (46,300).

Newfoundland.

The island of Newtoundland on the northeast side of the Gulf of St. Lawrence, has a total area of a rope square unless. Lawrence the side of a rope square unless that the government of the island is a coastal strip of the Labrador peninsula rope, one square unless (pop. 2016). The trade of the island is principally with the U.S., Canada and Great britain.

Public debt 27	3,524,653 7,489,957 2 4,733,499 1	3,919,040 3,803,561 39,470,060 6,012,365

Capital, St. John's. Population (1911), 32,292.

THE BETTEST WEST INDUST have a total area of ciasgo square miles, with a population (1921) of 12,723,000. The area of the whole archipelago is about 100.000 square miles, of which 79,000 square miles are independent (Hatti and San Domingo), and the same independent (Hatti and San Domingo). The same is a square miles are independent of the same independent of the s

BRITISH HONDURAS adjoins Guatemala in Central America. The exports are principally timber and fruit, and the trade is mainly with

RUROPE

Divisions and Capitals.	Area (sq. miles).	Population (1911).
Isle of Man (Douglas) Channel Islands Malta (Valletta) Gibraltar	230 70 120 2	50,500 97,000 211,500 20,000
Total	423	379,000

The few few lies in the Irish Sea, and is much frequented by visitors from Greak Bettain. The Channel Islands are the only portions of the Dacksdom of Normandy now belonging to England, the Channel Few lies are the only portion of the Dacksdom of Normandy now belonging to England, the Norman Groupset (rock A.D.). Melite is an sizad in the Mediterranean, about 60 milles from Sicity, and is a strong naval and France in sice and was coded to England under the Treaty of Faris, siza, Gibraiter is a rooly fortreas on the south-east coat of Spain, communed by England in 1904 and 1904 the Treaty of Treaty o

ASIA	۸.	
Divisions and Capitals.	Area (sq. miles).	Population (1921).
British India (Delhi)	1,000,000	315,000,000
Ceylon (Colombo) Straits Settlements (Sing-	25,500	4,100,000
apore)	1,660	700,000
Lumpor)	41,000	1,620,000
Hong Kong (Victoria)	390	440,000
Weihaiwei	300	. 150,000
British Borneo(Sandakan)	35,100	234,000
Saráwak (Kuching)	50,000	650,000
Cyprus (Nikosia)	3,600	274,000
Total	2,187,550	323,158,000
Total	2,187,550	383,158,00

BRITH-H INDIA consists of British Territory, cog. ord, vincer miles, pop., e44,69,543, and of cog. ord, vincer miles, pop., e44,69,543, and of cop., vo. 654,995,4. The British Territory is divided into the three Presidencies of Madras, Rombay, and Bengal, and twelve Provinces or Government, and the company of the Compan

Governor-General (Viceroy), Lord Hardinge

Governor of Madras, Lord Pentland 40,000
Governor of Eombay, Lord Willingdon 40,000
Governor of Bengal, Lord Carmichael. 40,000
Governor of Bengal, Lord Carmichael. 40,000
Cotal Revenue. \$25,550,000

 otal Expenditure
 478.295.

 utilic Pebr
 1,372.075.

 comestic Exports
 60.2875.

 Exports to U.S.
 68.000.

 Exports to Great Britain
 200.568.

 Imports from U.S.
 11.041.

 Imports from Great Britain
 318.200.

 318.200.
 318.200.

CAPITAL, Delhi. Population (1911), 391,828.

CHIEF CITIES. — Calcutta (pop. 1,216,514).

Bombay (972,930), Madras (517,335), Hyderabad (499,840), Kangoon (293,316), Lucknow (250,621), Lahore (225,318), Ahmedabad (25,448), Bensac (204,222). In addition there are twenty cities with populations exceeding 100,000,000.

AFRICA.

Divisions and Capitals.	Area. (Sg. Miles).	Population. (1911).
Union of 8. Africa (Pretořia and Capetown). Egypt (Cairo) Sudau (Khartum) Rhodesia (Salisbury) Southern Protectorates. Nyasaiand (Blantyre). British East Africa. British West Africa Mauritius (Port Louis). Ascension Isld. (Gougret'sm) St. Helena Gramestown)	470,000 400,000 1,000,000 450,000 291,840 40,000 306,000 491,300 830 150 78	5,100,000 12,000,000 2,000,000 1,750,000 565,000 1,000,000 6,700,000 19,646,000 23,000 150 23,000

Union of South Africa.

The Union of South Africa consists of the former colonies of Cape Golony and Natal and of the former republics of the Transvaal—and Orange Free State. The Union was formed soon republics and Great Inflaim. The government is highly centralized in the Union parliament and executive and only little power is reserved to the federating States of the Union. The

Provinces and Capitals.	Area (Sq. Miles).	Population (zgzs).
Cape of Good Hope (Cape Town) Natal (Pietermaritzburg) Pransvaal (Pretoria) Orange Free State (Bloem- fontein)	276,995 35,290	2,564,965 1,194,043 1,686,212 528,174
Total	473,100	5,973,394

Governor-General, Viscount Buxton\$50,000
Prime Minister, General Louis Botha 20,000
Total Revenue
Total Expenditure 82,096,320
Total Debt (1912)
Exports to U.S 282,750,000
Total Imports
Imports from U.S x4,488,500 Imports from Great Britain x09,350,000
SELT OF GOVERNMENT Cone Town White

SEAT OF GOVERNMENT, Cape Town. Whitopulation, 29,863.

EAT OF LEGISLATURE, Pretoria. White populon, 29,618.

LARGEST CITY, Johannesburg. White po-

Kerritory of Beastoland (1,776 square miles oppoped to populate of the population of the property of the Bechustaften Protesterate (2,75,000 square miles, pop. 125,250 and Rhodesta, the territories of the Britis South Africa Company (area 4,35, 375 square miles oppopulate), and Living the protest of the Britis South Africa Company (area 4,35, 375 square miles oppopulate), and Living the protest of the Union and Company (area 4,35, 375 square miles oppopulate).

High Commissioner, Viscount Buxton ... \$75,000 BRITHEN WERT APRICA Consists of the colonies of the Gambia (4,000 square miles, pop. 145,000, capital, Bathurst), Gold Const (178,000 square miles, pop. 1,400,000; capital, Accrab, Serra Leone (4,000 square miles, pop. 1,700,000; capital, pop. 1,700,000; capital, lagos).

BRITISH EAST AFRICA consists of the East Africa Protectorate (180,000 square miles, pop. 4,000,000; capital, Nairotii), Someliland (68,000 square miles, pop. 300,000; capital, Berbera), Uganda (22,000 square miles, pop. 2,500,000; capital, Kampals), and Zanzwar (1,000 square

of Sultan Hussein Kamil (see p. 454).

The SUDAN is jointly occupied by British and Egyptian forces since its reconquest by Lord Kitchener (1898).

	IGI3.	1914.
Fotal Revenue£	E17.515.743	£. E17.368,616
Total Expenditure	15,470,584	15,728,785
Total Debt	95,563,549	92,958,790
Domestic Exports	34:574:321	31,662,065
Exports to U.S	3,981,566	2,662,247
Exports to Great		

10,481,960

Divisions and Capitals.	Sq. Miles.	(1911).	
Australia (Canberra) New Zealand (Wellington) Fiji Islands (Suva) Papua (Port Moresby) Paoific Islands	3,063,000 104,750 7,435 90,000 12,500	4,947,000 1,050,000 130,000 360,000 200,000	
Total -	2014 604	6.69	

Commonwealth of Australia.

The Commonwealth of Australia consists of 309,460 square miles, pop. x,857,39x; capital, sydney), Victoria (87,884 square miles, pop.

1,412,119; capital. Queensland for the control of th also include Northern Territory (523,620 square miles, pop. 3,500; capital, Darwin), Papua, a part of the island of New Guinea (88,450 square miles, pop. 350,000; capital, Port Moresby) and the Federal District (912 square miles, pop. 1.040), where the capital of the Commonwealth is being laid out at Canberra,

Governor-General, Sir R. C. Munro-Ferguson

Prime Minister, W. M. Hughes, K.C.....

Gon. of N.S.W., Sir G. Strickland

Gon. of Vectoria, Hon. Sir A. L. Stanley

Gon. of Queensland, H. Goold-Adams,\$50,000

Macartney Revenue \$109,497,065

Exports to U.S. (1914)..... Exports to Great Britain (1914) Imports from U.S. (1914) 185,443,600

CHIEF CITIES, Sydney (pop. 637, 102), Melbourne (591,830), Adelaide (192,294), Brisbane (141,342), Perth (84,580), Hobart (38,055).

EXPORTS TO U.K.

TRADE OF U.S. WITH GREAT BRITAIN, 1914.

Animals .

IMPORTS FROM U.K.	
rticles, growth of U.S., returned	\$2,741,208
hemicals, Drugs and Dyes	12,525,010
lays and Earths	1,004,140
opper and manufactures of	2.185,678
otton and manufactures of	23,218,058
iamonds and Precious Stones	7,860,472
arthen, Stone, and China Ware	2,351,689
eathers, natural and artificial	2,406,662
ibers, Vegetable, and Textile Grasses,	2,400,002
and manufactures of	30,650,870
ish	2,665,166
urs and Furskins, undressed	2,578,017
ides and Skins	10,396,831
ndia Rubber and Gutta Percha	
on and Steel, and manufactures of	49,149,478
eather, and manufactures of	17,833,840
feat and Dairy Produce	6,244,280
	8,013,867
ils	7,003,484
aper, and manufactures of	8,361,990
ilk, and manufactures of	4,780,556
pirits, Wines, and Malt Liquors	4,689,955
ea	3,870,965
in	21,003,135
ood, and manufactures of	1,885,689

Chemicals, Drugs, and Medicines	3,93
Copper and manufactures	22.58
Cotton and manufactures	236,17
Fertilizers	I.I2
Pish	6,24
Fruits and Nuts	9,76
Glucose and Grape Sugar	3,65
Hops	6,45
Iron and Steel, and manufactures	24,32
Meat and Dairy Produce	63,93
Naval Stores	2,32
Oilcake and Meal	2,13
Oils, animal and mineral	30,23
Paper and manufactures	2,68
Paraffin	2,54
Soods -	751

	1,127,350
	6,243,452
	9,767,540
	3,656,255
	6,456,181
ctures	24,322,494
	63,931,357
	2,320,741
	2,136,780
	30,230,494
	z,689,301
	2,549,200
	798,948
	1,569,710
	20,985,190

DIPLOMATIC INTERCOURSE.

Amhassador Extraordinary and Plenipotentiary in London, His Excellency Hon. Walter Hines Page

Private Address, 6 Grosvenor Square, W. Office of Embassy, 4 Grosvenor Gardens

and Secretaries, Edward Bell; Franklin Mott Gunther; Richard E. Pennoyer; Elbridge

Commercial Attache, Albertus H. Baldwin.
Nacul Attaché, Comm., Powers Symington, U.S.N.
Müstary Attaché, L.-Col. G. O. Squier, U.S.A.
Attachés, Lieut. Stanford C. Hooper; Lieut. John
H. Towers; Naval Constructor Lewis B.
McBride; Lt.-Col. Rutus H. Lane; Major
Thomas C. Treadwell.

Despatch Agent, R. Newton Crane, 4 Trafalgar Square, S.W.

ngiana:— \$4,500
Bradford—Consul, A. E. Ingram \$2,500
Bradford—Consul, A. E. Ingram \$2,500
Bradford—Consul, John S. Armstrong, jr. 2,000
Dover—Agent, F. Crundali.
Hudderspield—Consul, Franklin D. Hale 3,000
Hull—Consul, Charles M. Hathaway, jr. 2,500

Leicester—Agent, W. W. Early. Liverpool—Consul, H. L. Washington ... 8,000

Consul, Charles A. Holder 3.500 Vice do., Richard Westacott.

19 Do. do., Reliev vision.
10 Do. do., Herbert D. Jameson.
Consular Office, 4s New Broad Street, E.C.
Manchester—Consul, Ross E. Holaday...
Newcastle-on-Tyne—Consul, W.C. Hamm

Cardiff-Consul, L. A. Lathrop 3,000 Swansea-Consul, Maxwell K. Moorhead 3,000

Jersey-Agent, Albert E. Ereaut. Kirkwall, Orkney Is.- Agent, James Flett.

Malta-Consul, Wilbur Keblinger \$2,500

Hong Kong-Con.-Gen., G. E. Anderson Karachi-Consul, James O. Laing....... Madras-Consul. Lucien Memminger... Penang—Agent, Joseph Heim.
Rangoon—Consul, Samuel C. Reat
Sandakan—Consul, George M. Hanson.
Singapore—Cons. Gen., John P. Bray...

Bloemfontein—Agent, A. E. Fichardt. Cape Town—Consul-Gen., G. H. Murphy Durban—Consul. Wm. M. Masterson ...

Port Elizabeth-Consul, E. A. Wakefield

Campolitoren, N.E.—Consul, T. BOKIN 2, Canso, N.S.—Agent, A. W. Hart. Charlottetown, P.E.I.—Consul, Cornwoll, Ont.—Cons., Giles R. Taggart 2, Cumberland, B.C.—Agent, G. W. Clinton. Edmonton, Alb.—Agent, G. S. Montgomery.

Syuney, N.S. Consul, C. M. Freeman ;	\$3,000	
Toronto-Consul, Chester W. Martin	4,000	
Trenton, Ont Agent, S. J. Young.		
Vancouver, B.CCG. B. E. Mansfield	4,500	
Cons. G. C. Woodward	2,000	
Victoria, B. C.—Cons.d, R. B. Mosher	4,000	
Victoriaville-Agent, John H. Gray.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
White Horse, Yukon-Agent, E. J. White.		
White Horse, Fakou-Agent, E. J. Wille.		
Windsor, Ont.—Consul, H. A. Conant S Winnipeg—Cons. Gen., F. M. Ryder	\$2,500	
Winnapeg-CousGen., F. M. Ryder	4,500	
Yarmouth, N.S Consul, H. H. Balch .	3,500	
		E
Barbados-Consul, C. L. Livingston	3,000	
Brighton-Agent, William E. Daly.		
Cockburn Harbor-Agent, C. H. Durham.		
Grenada-Agent, P. J. Dean.		
Hamilton-Consid. Carl R. Loop	2,500	
Kingston-Consul, James C. Monaghan	4,500	
Montego Bay-Agent, H. M. Doubleday.	410	
Nassau-Consul, Wm. F. Doty	3,000	
Port Antonio-Consul, Ross Hazeltine	3,000	
Port Morant-Agent, Chas. E. H. Beard,	3,000	
Roseau—Agent, H. A. Frampton.		
Hossaw-Agent, H. A. Frampton.		
Co Course & Day Agent, A. D. M. Herrie.		
St. Ann's Bay—Agent, A. B. D. Rerrie. St. George—Agent, T. T. Higinbothom. St. Lucia—Agent, William Peter.		
St. Lucia Agent, William Feter.		
St. Vincent-Agent, E. A. Elchards.		
St. Vincent-Agent, E. A. Richards. Salt Cay-Agent, A. W. Harriott.		
Trinidad-Consul, A. J. McConnico	3,000	ě
Touth America:-		
Belize-Consul, W. L. Avery	2,500	
Georgetown-Consul, G. E. Chamberlin .	3,500	
Paramaribo-Agent, H. L. Hirschfeld.		
Adeluide-Agent, G. H. Prosser.		
Auckland-ConsGen., A. A. Winslow	4,500	
Brisbane-Agent, J. W. Collins.	1.0	
Christohurch Agent R. Graham.		
Christchurch—Agent, F. Graham. Dunedin—Agent, F. O. Bridgeman.		ü
Elementia Agent II W Rurka		
Fremantle—Agent, U. W. Burke. Hobart—Consul, Wm. A. Bickers	2,000	
Modure-Consul, Will. A. Dicacle	4,000	
Meloourne-Consut, W. C. Mageissen	3,000	
Melbourne-Consul, W. C. Magelssen Newcastle-Consul, Lucien N. Sullivan. Sydney-Consul-General, J. I. Brittain.		
Syaney-Consulteneral, J. I. Birtiain.	5,500	
Townsville-Agent, A. R. Mackay.		
Wellington-Agent, Arthur E. Whyte.		

O'Brien, M.V.O., D.S.O. 2,500 ret Sec., Hon. E. Scott. C. M. G., M. V.O. \$1,500 to 2,500 2rd Secs., Hon. T. A. Spring-Rice; D. G.

Boston, Mass .- V.-C., F. O'Meara \$1,500 to 2,500 V.-Cons., J. B. Masson Portland, Me.-V.-Consul, J. B. Keating Portidents, R.I.—V.-Consul, S. B. Kealing Providents, R.I.—V.-Cons., H. J. Chubots hieago, Ill.—Cons.-Gen., H. D. Nugent... \$7,500 V.-Cons., L. E. Bercay \$2,500 to 3,500 Detroit—Vice-Cons., H. G. Meredith ...

\$4,500 to 5,000

Amarifista, Fent.—Conz. C., W. Powell 7,000

"Yec-Consul, H. A. Ford \$3,500 to 3,500

Vice. Consul, E. W. Wilson

Cincinnata: Fice-Consul, W. L. Binch ...

Clereland—Vice-Consul, H. E. Gresham

Pittaturg—Consul, C. E. E. Children

ortland, Oregon—Consul, T. E. E. Skine 7,000

Mayaguez-V. Con., Inomas Bootenby, Ir. Ponce-Yico-Coneul, Fernando M. Toro St. Louis, Mo.—Cons., C. L. M. Pearson ... Denter (Cole)—Vico-Coneul, A. Crebbin Kansas City, Mo.—V.-C., H. W. Mackirdy San Francisco, Cal.—C.-G., A. C. Ross, C.B.

GREECE.

King of the Hellenes, Constantine, born as July | particularly in the country districts. There is (3 Aug.), 1868; succeeded to the throne 5 (18) March, 1913; married, 15 (28) Oct., 1889, to the Princess Sophia, sister of the German

Heir Amparent, George, born 7 (20) July, 1890.

Affairs (Nov., 1915), M. Skuloudis.

National Economy and Public Instruction, E.

A maritime Kingdom in the south-east of Rurope, situate in lat. 35° 50'—42° N. and long. 29° so'—26° 15' E, comprising an area (in 1912) of 24,822 square miles, with a population are elevated, irregular, and deeply indented.

PRODUCTION &n .- The most important of the fig, almond, citrou, pomegranate, and currentfish, and coal. Its exports consist of currents. figs, olive oil, wine, cognac, tobacco, hides,

DEFENSE. -Service in the Army is universal annexed. Certain islands in the Agean were

a University of some repute at Athens, which is

TRANSPORTATION .- There are 903 miles of railin length is under construction in order to link post offices number 1,150, dealing with 36,000,000 postal packets; telegraphs, 4,951 miles. The mercantile marine consists of 110 sailing vessels above roo tons capacity, and 208 steamers (440, 184 tons).

Sstimated revenue:-	1914. \$44.830.600
Extraordinary Estimated expenditure:—	2,652,66
Ordinary	44,007,18
Extraordinary	36,952,720
Debt	1914
Fotal imports	34,004,38
Exports from U.S	
CAPITAL, ATHENS, in the south-east	st of Attica
modern capital, occupying an ext	

Population, 2007 (including the Pircus), 241,058. WEIGHTS, MEASURES AND CURRENCY.

The Metric System of Weights and Measures

The Unit of Currency is the drachma of xoo lepta, identical in value with the franc of xoo

American

U.S. Envoy Extraordinary and Minister Pleni-

Athens (C.-G.), Alexander W. Weddail.....\$4,500
Vice-Consul-General, George P. Waller.

GUATEMALA

President (1910-1917), Manuel Estrada Cabrera, 1

1911. There were 5.954 kilometres of telegraph

Revenue	\$2,746,61
Expenditure	1,757,0
Debt (3r Dec., 1912)	30,000,00
Imports	
Exports	
Imports from U.S	3,601,8
Exports to U.S	4,078,6
CAPPUAL Guatemala, Pop. about	00.000

WEIGHTS, MEASURES AND CURRENCY. The Metric System of Weights and Measures

Guatemala (C.-G.) Stuart K. Lupton\$3,500 Vice-Consul, W. Owen. Consular Agents at Livingston, Puerto Barrios,

Guatemalan Envoy (1511, 20th Street, Wash-ington, D.C.), Joaquin Antonio Mendez.

HAITI. Republic of.

	1909-10.	1910-11.
	\$2,700,000	\$3,280,000
	6,690,000	7,720,000
	3.329,010	3,280,000
paper	8,240,000	7,860,000
		IQII.
External debt (31 Mar.)		\$26,350,000
		10.390,000

Imports from U.S. (1914)\$5,540,705 The imports for 1912-13 were \$8,087,945. CAPITAL, Port-au-Prince. Population, x00,000.

the value of 961/2 cents. The paper gourde has

American.

Consuls.				
Cap Haitien, L. W. Livingston	\$2,000			
Port an Prince, J. B. Terres	3,000			
Consular Agents at Cayes, Gounive				

Haitian Envoy (1429 Rhode Island Ave., Wash-

HONDURAS.

President (1913-1918), Dr. Francisco Bertrand. Foreign Affairs, Dr. Mariano Vasquez.

The Middle State of Central America, stretchthe andde State of Central America, stretching in N. lat. between 12° 10° and 16°, and W. long, between 83° 10° and 88° 40°; containing 44,275 English square miles, with a population estimated at 553,500 (1910). It has a coast-line of nearly 400 miles on the Carlbbean Sea, chief ports, Truxillo, Puerto Cortez, Omos, Rostan, and La Ceiba; but only about 40 miles on the Amapaia. The country is mountainous, being traversed by the Cordilleras. The products are mahogany, fruit, cattle, cotton, sugar, tobacco, coffee, indigo, sarsaparilla, hides and skins, india-rubber, cedar, fustic, rose, and Lima wool. Its mineral wealth is great. In 1912

there were go miles of railway open.

CHIEF TOWN, Tegucigalpa.	Pop. (191	0), 35,000.
		1913.
Revenue		\$2,379,845
Expenditure		1,804,475
Foreign Debt		25,002,850
Internal Debt		5,474,734
Exports		7,058,03
Imports		12,831,700
		rgra.
Imports from U.S		4,873,511
Exports to U.S		3,130,328

WEIGHTS, MEASURES AND CURRENCY.

The Metric System of Weights and Measures was officially adopted in 1807

The Unit of Currency is the peso of roo cents, the principal coins being silver. The silver peso has a fairly constant value of about 43% cents. Paper currency exchange is about 43/2 cents, U.S., to peso.

American. U.S. Envoy Extraordinary and Minister Plenipotentiary (Tegucigalna), John Ewing Szo.ooc

Military Attaché, Capt. Walter F. Martin	
Consuls	7
Ceiba, Walter F. Boyle\$	
uerto Cortes, John A. Garnon	
gucigalpa, Ezra M. Lawton	2,500

San Juancto, San Pedro Sula, and Tela. Hondures.

Honduras Envoy (2830, Hotel Gordon, Washing-ton, D.C.), Dr. Alberto Membreno. Secretary of Legation, R. C. Diaz. There are Concuts-General at Baltimore, Louis-

ITALY.

important agricultural industry. Among the Salt is a Government monopoly. In 2014 there 33.451 miles of telegraph line. The sea-going 33.457 miles of telegraph line. The sea-going commercial marine (spi3) consisted of 839 steamers (95.274 tons) and 4.633 sailing vessels (274.835 tons). The imports chiefly consist of cotton, wheat, coal, coke, chemicals, colonial produce, yarns, jute and manufactured goods, machinery, iron and steel in bars, plates and rails, hardware, raw lides, horses and cows, fixed oils, salt fish, dye-stuffs, tobacco, carthenware, &c. The principal exports are olive-oil,

The manufactures are woolen, cotton, silk,

King, Victor Emmanuel, bern 11 November, 1869; Bologus (172,639), Venice (160,727), Catania married, 24 Oct., 1896, Princess Helen of Monte- (211,690), Leghorn (105,322), and Bart (103,522). negro; succeeded to the throne July 29, 1900.

Heir Apparent, H.R.H. Humbert, Prince of Piedmont, born 15 Sept., 1904. Premier and Interior (1911), Signor Salandra.

Agriculture, Industry, and Commerce, Signor

Ambassador to France, Signor Tittoni; Russia, Marchese Carlotti; U.S.A., Conte Maschi-Cellere; Spain, Conte Bonin; U.K., Marquis

A Kingdom in the South of Europe, consisting of a peninsula, the large islands of Sicily and Sardinia, the island of Elba, and about 66 minor Islands. It is situate between lat. 36° 38' 30' -- 46° 40' 30' N. and long. 6° 30' -- 18° 30' E., and 46° 40° 30° N. and long. 6° 30° -18° 30′ E., and comprises a total area of rno.623 square miles (9x,277 mainlaud, 19,346 islands), with a population (3xxx census) of 34,686,683. The peninsula is traversed throughout its length by the chain of the Apennines; the Alps form its northern limits that the state of the sta are the Po, the Adige, the Tiber, and the Arno.
The principal towns are Rome (579, 285), Naples
(722, 308), Milan (599, 200), Turin (427, 733), Palermo
(341, 656), Genoa (272, 077), Florence (232, 866) prepared meats, artistic works (such as mosales, pottery, Venetian glass, alabaster ornamonts), &c. Sugar is extracted from beet in large quantities for home consumption. There is a large settled and floating population of Americans and English, with churches (one costing \$200,000) and chaples belonging to Methodists, Baptists,

and others.

EDUCATION is free and compulsory, and evening continuation classes are also compulsory for military recruits. It is maintained by local taxation and State grants. Secondary education is generally State-maintained, and schools are increasing in number. Several of the Universities

In 1913, 163,673 Italian and 13,385 foreign vessels (total tonnage 56,928,130) entered and 163,683 Italian and 13,370 foreign vessels (66,006,621 tons) cleared at Italian ports.

THE LEGISLATURE.

The Legislature consists of two Houses, the Senate and the Chamber of Deputies. The Senate is composed of Princes of the Blood of the Senate is composed of Princes of the Blood of the Senate is composed to the Senate in the Senate is the Senate in the Senate is the Senate in the Senate in the Senate is the Senate in the Senate in the Senate in the Senate is the Senate in the Senate in the Senate in the Senate in the Senate is the Senate in the Se

III.

The highest courts are the Courts of Cassation at Rome, Naples, Palermo, Turin and Florence, and as Courts of Appeal throughout the kingdom. Lower courts are the 162 district tribunals, 1,535 mandamenti, and 13 municipal courts under contain.

LOCAL GOVERNMENT.

The kingdom is divided into 6g provinces, which are sub-divided into regions (eirordaries), and intrinsicative dividences (mendaments), and another many and the many dividences of the control of the co

DEFENSE.

Italy, until declaring war on Austria on the and May, 1915, was a member of the Triple Alliance (Seranay, Austria, Hungary, Italy) under a reasty signed on 20 May, 1826, which provides for mutual support in case of attack by an other anatom. Membership of this Allians was the control of the

standing army, while the position of Italy in the Mediterranean, with outlying islands, required

Service in the Army is universal and compulsary between the ages of a and 39, with a years in the Active Army and 8 years in the Active Reserve (nonchie summa training), the Active Reserve (nonchie summa training), the Active Reserve (nonchie summa training), with the remaining years in the Active Reserve (a month's annual training). For the Active Reserve (nonchie annual training, and the active the Computermentary Reserve for 8 years, with a to 6 months' annual training, and thence to the Mitties or Territorial Army.

The Italian Army, 1914.

	Arm.	Officers.	Men.	Horres and Mules.
	Staff	1,284 7,627 1,006	1,952 162,000 27 416	2,442 6,205 25,467
	teries), Horse Artil- lery, Mountain Siege do	2,359	49,256	23,084
	Engineers	630 709 2,500	11,099 30,087	1,284 5,832

Carabinieri (12 legions) 709 30,087 5,832 Corps Troops, &c. 2,500 709 30,087 5,832

the outbrea

of reservists.

The Army is organized in in corps, each of a divisions, with headquarters as Gllows: -1, Turin; III, Alesandria; III, Milan; IV, Genon; VII, Stones; X. Kaples; X.I., Bart; Forence; E.K., Rome; X. Kaples; X.I., Bart; Forence; IX, Rome; X. Kaples; X.I., Bart; Sardinia). In addition, there are as Alpine battaines and z mountain batteries on the

The Navy, recruited by compulsory service, was manned by 2,000 officers and 28,000 men, and consisted of the following vessels on x Jan.,

PRINCIPAL SHIP

á	PRINCIPAL SHIPS.				
d	Name. (§=Turbines.)	L'chd.	Tons.	Main Armament,	
etira	Battleships:	_	29,510	8×15 in.	
9 9	Andrea Dorias	1913	23,340	13×12 in.	
e.	Duilios	1913	21.	23	
	Conte di Cavoury Leonardo da Vincio	1911	22 -	11	
	Giulio Cesares	IGIL	27	27	
_	Dante Alighterib	EOIO	10,400	xa×xa in.	
eler	Roma	1907	12,425	{ 2×12 in. {12×8 in.	
d	Napoli	1905	27	. 33	
	Regina Elena	1904	23	>>	
y d e	Vitt. Eman. III	1904	37		
8	Reg. Marcherita	IQOI	13,207	4×iz in.	

DRIVEYDAY STITE

Copper Cotton, unmanufactured Iron and Steel and manufactures Meat and Dairy Products Oils, Mineral Oils, Vegetable Tobacco, unmanufactured Wood and manufactures

PRINCIPAL	SHIPS		ied.	IMPORTS INTO U.S. FROM ITALY.
Name.	L'ehd.	Tons.	Main	Breadstuffs
(§ = Turbines.)			Armament	Fruits and Nuts. 9,114,27 Hides and Skins. 9,114,27
				Oils, Vegetable 6.126.11
Amm. di Saint Bon	1897	9,645	4XIOID.	Silk, Raw 10,605,04
Em. Filiberto	1897		8×6 in.	Stone and Marble x,x74.70
Ann Amounto min	Logy	29	20	Vegetables 3,018,37
Armored Cruisers:				CAPITAL, ROME, on the River Tiber. Populi
San Giorgio	rqo8	g.68o	{ 4×to in.	tion (1913), 562,247. At the census of 1911 then
San Marcoo	1908		1 8×7'5 in.	were 43 communes with a population exceeding
Amalfi	1go8	12	22	50,000; 50 between 30,000 and 50,000; 100 from
Pisa	1907	35	12	20,000 to 30,000; 98 from 15,000 to 20,000; and 8,132 below 15,000. These communal population
Fran. Ferruccio	1902	7,234	{ IXIO in.	include, in many cases, much of the surrounding
Varese	1800		l z×8 in.	rural district.
Gen. Garibaldi	1899	-02	- 12	WEIGHTS, MEASURES AND CURRENCY.
Carlo Alberto	1896		712×6 in.	The Metric System of Weights and Measures
		6,396	6×47 in.	compulsory and universal. The Unit of Current
Vettor Pisani	1895	79	6×6 in.	is the lira of roo centesimi, identical in valu
Marco Polo	1892	4,511	4×4'7 in.	with the franc (1914 cents). The coinage in
Protected Cruisers:			c dvd A m	cludes gold 20, 10 and 5 lire; silver 5 and 2 bir
and Class.				t lira and 50 centesimi; nickel 25 and 20 centesimi; and copper 1, 2, 5 and 10 centesimi.
Etna	1885	3,474	4×6 in.	
Gio. Bausan	1883	3,280	27	DIPLOMATIC INTERCOURSE.
3rd Class.				American,
Coatit	1899	1,202	12×12 pr.	American Ambassador (Palazzo Amici, 16 Piazz
Agordat	1899	22		San Bernardo, Rome), Thomas Nelson Pag
Puglia	1898	2,498	6×47 in.	(1013)
Elba	1803	2,452	22 -	and Secretary, N. Richardson 2 or
Liguria	1893	2,255	33	2rd Secretary, R. W. Hills
Etruria	regr	","33	39	Military Attaché, Col. George Dunn.
Lombardia	1890	2,245	11	Naval Attaché, LtComm. C. R. Train.
Piemonte	1888	2,597	10×4'7 in.	Consuls.
Flavio Goia	1881	3,016	4×47 in.	Catania, Joseph E. Haven \$3,00
		2,010	21	Fiorence, Frederick T. F. Dumont 3,50
Scouts:				Vice-Consul, S. C. Leoni. Genoa (CG.), David F. Wilber
Quartos	1911	3,330	6×47 in.	Consul, Arthur C. Frost
Marsalao	1911	3,380	32	Vice-Connul, C. C. Miller.
	1945	22	12	Consul, Arthur C. Frost 2,50 Vice-Conuul, C. C. Miller. Lephorn, Roger C. Tredwell 3,50
Tornedo Gunhoate	· Mine	Januara .		1 tos-consut, J. Bl. nowcock.
Torpedo Gunboats, 4 Torpedo-Boat-Destro	nyers:	Built. 22	building, vo.	Milan, John H. Grout
Torpedo Boats: Alt		28; 185	class, ra (and	Naples, J. White 4,00
Submarines: Built,	id class	, 3x; 3rd	class, II.	Vice-Consul, H. C. Biar,
Suomarines: Dully,	to; DU	maing, 1		Patermo, Samuel H. Shank 3.59
Public Revenue			\$558,586,345	Vice-Consul, N. Paterniti.
Public Expenditure			\$11,374,585	Vice-Consul. U. J. Bywater
Public Debt			2,967,951,990	Vice-Consul, U. J. Bywater. Turin, Charles B. Perry
Total Imports			IQIA.	Venice, B. Harvey Carroll, jr 2,50
Total Exports			582,251,660 447,564,800	Consular Agents at Barl and Carrara,
Imports from U.S.			74,335,000	Italian.
Exports to U.S		**********	56,408,000	Italian Ambassador (1759, R., Washington, D.C.
The principal at	rticles	of mer	chandize ex-	Count V. Macchi di Cellere.
changed between th	BILDE	and Italy	T In account	Counselor, G. Catalani.

\$6,753,992

Attaché, Count Montagnini, Military Attaché, Naval Attaché.

COLONIES.—The total area of Italian Colonies and possessions is x,xx3,oxo square miles, with an estimated population of x,600,000, made up as follows: Kritrea, 60,000 square miles (pop. 250,000); Somalitand, x21,000 square miles (pop.

30,000; Titulatin Concession, as square miles (pop. 3,000); Titpoli and Operator, pages or square miles (pop. 3,000); Titpoli and Operator, pages square miles (pop. 3,000); Titpoli and Operator, pages of the Operator, pages of th

Assab was transferred from a trading company to the Government. The trad of land now known as Eritra ("Bed Sa') consists of a between x's and s'? N, containing in all a coatlina along the Red Sea of about 700 miles, with a total area of 60,000 eagure units, and a population along the Red Sea of about 700 miles, with a total area of 60,000 eagure miles, and a population of the containing the containing the Europeans. The capital is Ammar, Massowa being the chief port, where there is a good being the chief port, where there is a good of great value as important products, and, or great value as important products, and, or of Southern Abyshila.

In China Italy obtained in 1902 a concession of land fronting the Pelho river, with a total area of 20 square miles and a population of about 17,000 natives.

Italy is also in temporary occupation of a group of Turkish islands lying between Crete and Asia Minor (Rhodes, Carpathos, Cos, Astropalia, &c.).

JAPAN.

Emperor, Yoshihito, born 31 Aug., 1879; succeeded ag July, 1912; crotoned 10 Nov., 1915; mar. Princess Sadako, 10 May, 1900, and has issue 3 sous.

Heir Apparent, Prince Hirohito, born 29 April, 1901.

Prime Minister and Foreign Affairs (16 April, 1914), Count Okuma.

Agriculture and Commerce, H. Kono.

Agriculture and Commerce, H. I Finance, T. Taketomi. War, Lieut.-Gen. I. Oka. Marine, Vice-Admiral T. Kato. Justice, Y. Ozaki.

Justice, Y. Ozaki. Communications, K. Minoura. Education, Dr. S. Takata.

This ancient and extensive Empire consists of fore large and many small islands, and it occupies from the many small islands, and it occupies from the many small islands, and it occupies from the many small islands, and the many small islands. Nippon, Shitches, Killacht, Ickkaid or Vero, shade to the north of the main island, from Nippon, Shitches, and the many small islands, from the many small islands, from the many small islands, from the many small islands are underlying the same state, and the many small islands are designed to the many small islands, and the many small islands are small in the many small islands, which is the many small islands are small in the many small in the many small in the many small islands are small in the many sma

there is a good supply of midilling coal. Petrologum is also being produced in large quantities, aspecially in the Province of Echigo quantities, aspecially in the Province of Echigo quantities, aspecially in the Province of Echigo quantities, and a lacqueries of June 1997, and the complex of June 1997, and the control of the property of June 1997, and Echica to Hangwing and Echicon Keakl; the Pandownia Imperials is already used for fancy toxes and Massonians, and Zelkova Keakl; the Pandownia Imperials, a largely used for fancy toxes and Massonians, and Julius Anderson and Julius

PRODUCTION AND INDUSTRY.—The chief manufactures are silk and cotton, cotton year, and manufactures are silk and cotton, cotton year, and bronze, and shippuilding is an important industry in the years. The chief imports are raw cotton from India, U.S., Egypk, and China; manures, woolens, wool, drug, rails, locomotives, and machinery from Europe and the U.S.A. Thomas and Formous; indigo from Germany and Rivitah India; kerosene oil from U.S. and the Dutch India; beans, peas and pulse from China Dutch India, Serose, Siam, and China. The chief export are silk, cotton years, itself, to the control of the

TRANSPORTATION.—There were 5,085 miles of railroad open in 1924, in addition to 865 miles open in Korea, while the South Manchurian Kailway (Chinn) is under Japanese control. The mercautile marine consisted in 1923 of 2,665 steamers above 20 tous (966 of them over 1,000 tons), and 1,446 salling vessels over 100 tons. ports in 1914 was 47,192,489 (19,585 vessels), of which Japanese shipping accounted for 25,646,964 tons, British 13,217,187, German 2,561,173, and French 662,169. In 1913 there were 7,268 post offices dealing with 1,677,000,000 postal packets and 24,945 miles of telegraph line carrying

33,783,307 messages.
EDUCATION is in the lower grades free and compulsory. Secondary schools are State-aided, and prepare for a years' course at the Universities, which is largely devoted to the study of European languages. There are high schools for girls, and the technical and special actions are well attended. There are three State Universities.

DEFENSE.

Service in the Actuary.

Service in the Actuary is university and consultation of any and ap, actual service beginning at the age of 27 and ap, actual service beginning at the age of a collection of the actual service beginning at the age of a collection of the actual service beginning at the age of a collection of the actual service and actual service. Further service is in the and Reserve (Rob) for the actual service is in the service of the service of the service (Rob) is composed of those in excess of the boundary of the actual service of t

PRINCIPAL SHIPS.

Principal Ships.				
Name. (§=Turbines.)	L'chd.	Tons.	Main Armament.	
Battleships:				
Fuso\$		-	-	
	Igii	20,800	ızXıs in.	
Kawachi	1910	23		
Aki\$	1909	19,800	(4XI2 in.	
Satsuma ,	1906	19,350	21.	
Kashima	1905	16,400	(4×12 in,	
Katori	1905	15,975		
Iwamt	1902	23,525	(4×12 in. (6×8 in.	
Mikasa	1900	14,500	4×12 in. 14×6 in.	
Hizen	1900	12,275	{ 4×12 in. 12×6 in.	
Sawa	1900	12,997	{ 4×ro in. {ro×6 in.	
Sagami	1898	12,790		
Asahi	1899	15,200	4×12 in. 14×6 in.	

Principal	SHIPS	-continu	ied.
Name. (i=Turbines.)	L'chd.	Tons.	Main Armament.
Shikishima	1898	24,850	4×12 in. 14×6 in.
Puji	1896	12,450	4×12 in.
Okinoshima	1896	4,126	(3×10 10.
Taugo	1894	10,960	4×47 in. 4×12 in. 12×6 in.
Mishima	1894	4,466	(4×10 in. (4×4'7 in.
Battle Cruisers:			
Kongo	1912	27,500	8×14 in. 16×6 in.
Hiyei Kirishima	1912	32	22
Haruna	-	21	_
		,,	
Armored Cruisers: Kurama	1907	14,600	{4×12 in. 8×8 in.
Ibukió	1907	,,	
Ikoma	1906	13,750	4×12 in. 12×6 in.
Tsukuba	1905		(12×0 III.
Nisshin	1903	7,750	(4×8 in.
	-903	21/30	14×6 in.
Kasuga	1902	29	2×8 in.
Aso	1900	7,312	(2×8 in, (8×6 in,
Iwate	1900	9,750	(4×8 in. 14×6 in.
Idzumo	1899	,,	
Yakumo	1899	9,850	4×8 in. (12×6 in.
Adzuma	1899	9,436	
Asama	1898	9,700	4×8 in. 124×6 in.
Tokiwa	1898	2,0	23
Protected Cruisers;			
Tsugaru	1899	6,594 6,550	ro×6 in.
and Class: Yahagiý	1911	4,950	8×6 in.
Hiradoý Chikuma	IGII	33	
	1910	22	3×6 in.
Tone	1907	4,100	1 TO X 4 7 1B.
Otowa	1903	3,082	(z×6 in. (6×4 7 in. 6×6 in.
Tsushima	1902	3,365	6×6 in.
Niitaka	1902	17	5 2×8 in.

Akitsushima

1892

IQOO

2.490 2X47 in.

Name. (§=Turbines.) ?	L'chd.	Tons.	Main. Armament.
Akashi	1897	2,657	(2× 6 in. (6×47 in.
Suma Chiyoda	1895	2,450	10×4'7 in.
Idaumo	x883	3,930	(2×6 in. (6×4.7 in.
Unprotected Cruisers:			
Chihaya	1900	2,250	8×4'7 in.
Musashi	1886	2,428	(2×6.7 in.

Torpedo Vessels : 3. Torpedo-Boat-Destroyers : Built, 57 ; building, z. Torpedo Boats : Divisional, 16 ; 1st class, 33 ; 2nd

class, 8. . . bmarines: Built, 12; building, 3.

FINANCE.	
Estimated Revenue:	. zgrg-z6.
Ordinary	
Extraordinary	. 63,022,89
Estimated Expenditure:-	

Total Debt (31 March, 1913) \$2,493,970,000 Imports\$276,883,000

EXPORTS FROM U.S. TO JAPAN (1914).

IMPORTS TO U.S. PROM JAPAN (1914).

.....Sr,qq6.qq3 Matting Silk and Manufactures

Formosa.—The Island of Formosa (Talwan) was ceded by China to Japan (a June, 1895) in waccordance with the Treaty of Face. Its total area is 13,500 aquare miles, with about 3,400.000 inhaltitunis (1908). Imports, 60,805,000 yen; exports, 53,380,000 yen, in 1913. The colony has been self-supporting affine 1906.

after the Russo-Japanese war. Area, 1,286 8q. miles; population, 517,000. Dairen provides Japan with a mainland port, ice free all the year

CAPITAL, Dairen. Population, 45,000.

The Pescadores (Hokoto) consists of about 14 islands, with a total area of 85 square miles,

Korea (Cho-sen).—By a treaty of 23 Aug., 1910, Korea was annexed to Japan and became part

Korea is situated between 1220 and 1280 E. long, and between 34° and 43° N. lat., and the coast is fringed with innumerable islands, of which the largest is Quelpart. Total length, 600 miles from north to south, and greatest breadth 135 miles from east to west, with an area of

Expenditure, 1914-15 50,412,966 560,050,000

Cariffal Of 1th SPARAMS EMPIRE, 10kifo, formerly called Yedo, the residence of the Emperor; population (1910), s186,070. However, crities are—Osaika, 1,26,590; Kifot, the ancient capital, 442,650; Nagova, 396,237; Kobé, 726,197; Yokohama, 394,393; Hfroshima, 142,763; Nagasaki, 176,480; Kamzawa, 110,994; Kure, Nagasaki, 176,480; Kamzawa, 110,994; Kure,

z Bu (10 Rin)	=	- ranga inch.
z Sun (zo Bu)	==	1'1931 inches.
z Shaku (zo Sun)	=	zz gzz inches.
z Ken (6 Shaku)	==	5'065 feet.
z Jo (zo Shaku)	=	3'314 yards.

Ri (36 Cho)	=	2'44034 miles,
Kujira Shaku	=	14'q13 inches.
t Cho	=	2 4507204 SCTeS.
Tan	=	32'211526 sq. rods.
1 Se	=	118'61486 sq. yards.
Tsubo		3'9538289 80. yds
Shaku	===	'98845723 8q. fta
Shaku (ro Sai)	-	'03176271 pint,
g Gö (ro Shaku)	=	'3176271 pint.
x Shö (zo Gö)	=	3'176271 pints.
To (10 Sho)	=	3'703380 gallons.
Koku (10 To)	=	4 96zgz37 bushels
x Rin (10 Mo)	-	o'5707 Tr. grains
Fun (xo Rin)	-	5'797 Tr. grains.
Mommé (xo Fun)	===	57'97 Tr. grains.
Kin (x60 310mme)	==	1'323 lb. Av.
Kwan (1000 Mommé)		8'267 lb. Av.

Currency. The Monetary Unit is the gold wen of too sen.

the value of which is $49\frac{1}{10}$ cents. The U.S. dollar = 2 yen 4 sen. The gold coins are 20, 10, and s yen; silver, so, zo, and ro sen; nickel, s sen; copper, x sen and s rin (xo rin = x sen); there are also paper notes, payable in gold by the Bank of Japan, for 5, 10, and 100 yen and

American.

American Ambassador (Tokio), George W.S17,500 ard Secretary, Sumner Welles

President (1912-1916), Daniel Edward Howard.

Attorney-General, F. W. Haynes, Postmaster-General, J. Moort.

Education, B. W. Payne. An independent Negro Republic of Western

in 1820, and has been recognised by the United

Japanese Secretary, C. J. Arnell \$3,600
Asst. Japanese Sec., J. W. Ballantine... 2,000
Military Attaché, Col. James A. Irons,

Muttary Attache, Co., James A., 170m. Naval Attaché, Lt. Comm. F. J. Horne. Attachés, Capt. G. M. Brooke; Capt. W. L. Redles; Lieuts. A. F. McLean; K. F. Bald-win; L. L. Pendleton; R. S. Keyser.

Dairen (Dalny), A. A. Williamson \$3,000 Nagasaki, E. Cariton Baker 3,500
Taihoku (Taiwan), Edwin L. Neville 3,000

Seoul (C.-G.), R. S. Miller Vice-Consul & Interpreter, R. S. Curtice 1,500

Japanese.

Japanese Ambassador (230 N. Street, Washington, D.C.), Viscount S. Chinda, Counselor, K. Shidehara, and Sec., S. Okabé, 27d Secs., T. Ohta, N. Kawashima, Attachés, N. Okabé; H. Saito, Millary Attaché, Li. Col., K. Inouyè,

Naval Attaché, Capt. S. Takenuchi, Chancellor, T. Imai.

There are Consuls-General at New York, San

LIBERIA.

out by officers lent by the British, French, and German Governments, with successful results. There are 15 ports of entry along the 350 miles of coast, viz.: Robertsport, Monrovia, Marshall, Grand Bassa, River Cess, Greensville, Nanna Cess, Garraway, Niffoo and Batoo. In 1913 592 Vessels (1,230,058 net tons) entered and

Revenue	\$335,327
Expenditure (1912)	470,000
External Debt	1,025,000
Exports (1912)	975,000
Imports from U.S. Exports to U.S.	6,287
CHIEF TOWN Monrovia Population	

use in the ports and towns. The Unit of Currency is the U.S. gold dollar. Silver 50, 25, and re cent pieces are in circulation, and various British, French, Netherlands, and

LUXEMBURG.

June, 1894; suc. 26 Feb., 1912.
Minister of State, M. Eyschen.
Occupied, 1914, in defiance of treaty guarantee,

A Grand Duchy in Central Europe, bounded by Germany, Belgium, and France; it formed part of the Germanic Confederation, x815-65, and is still included in the German "Zollverein." In 1867 tory under the sovereignty of the King of the Netherlands, on whose decesse, 23 Nov., 1890, it passed to the Duke of Nassau. The area is 900 square miles; the population (1910) 259,889,

francs; debt(x Jan., 1912) 12,000,000 francs. There are 328 miles of railway. The army numbers

Grand Duchess, H.R.H. Marie Adelaide, b. 14 about 300 men. The capital, Luxemburg (popu-

MEXICO.

administration. Civil Government was sus-

A country in the southern part of the continent The surface consists of an elevated plateau, The surface consists of an elevated plateau, commencing at a few miles from the coast, and containing several volcanic summits, the highest of which, Ixtacchhuatl and Popocatepet; rise to 27,879 and 19,784 feet above the sea. Acapulco, Manzanillo, Mazatian, Sathao Cruz, and

the past twelve months. Affairs are, however, promising to again adjust themselves shortly

CAPITAL Mevico City Pop (rose) 40

Imports Exports	from to U.	U.S.	 1914. 38,748,793 92,690,566

The Currency unit is the peso or dollar of 100 centavos, worth 497's cents U.S. currency, the dollar being worth 2 pesos, 8 centavos.

The Metric System of Weights and Measures is obligatory by law of 6 June, 1905; but the Old

	American Ambassador (24 Calle Ver	RCITIZ,
re :	Mexico), (vacant)\$	17,500
	Consuls.	
	Acapulco, C. S. Edwards	53,000
	Aguascalientes, G. Schmutz	z,500
Z	Chihuahua, M. Letcher	3,500
	Ciudad Juarez, Thomas D. Edwards	2,500
	Durango (vacant)	2,000
33	Ensenada, C. E. Guyant	3,000
ac	Frontera, A. I. Lespinasse	3,000
18.	Guadalajara (vacant)	3,500
	Hermosillo, L. Hostetter	2,000
W	Manzanillo (vacant)	2,000
	Matamores, J. H. Johnson	2,500

Progreso (vacant)	\$4,000
dlina Cruz (vacant)	
altille, John R. Silliman	2,000
an Luis Potosi, W. L. Bonney	
ampico (vacant)	3,000
'apachula (vacant)	
ora Cruz, W. W. Canada	4,500
onsular Agents at Cananca, Cludad del Co	arnien.
Guanajuato, Guyamas, Los Mochis, C	
Dawel Buckle Buonty Marino Bunk	a Phone

Mexican Charge d'Affaires (1st Secretary) A. Algara R.

D.C.), vacant,

and Sec., R. Huerta. 3rd Sec., Miguel Fernandes de la Regata,

There are Consuls-General at New York, San town of Monaco, La Condamine and Monte

MONACO.

Sovereign Prince, Albert, born 13 Nov., 1848; suc. no Sept., 1889; mar., 1869, (1) Lady Mary Douglas-Hamilton, daughter of 11th Duke of Hamilton; (2) Oct., 1889, the Duchesse de Richellen, born 10 February, 1858. Heir, Prince Louis, born 12 July, 1870.

Minister of State, Emile Flach.

broad, with (1913) 22,990 inhabitants, and a yearly

MONTENEGRO.

King Nicholas, born 25 Sept. (8 Oct.), 1841; suc. his uncle, Prince Danilo, 14 Aug., 1860; proclaimed King 14 Aug., 1910; m., 1860, Milena, daughter of Voyevod Peter Vukotich, b. 4 May.

Heir Apparent, Danilo Alexander, born so June, 1871; m. 1899, Princess Jutta of Mecklenburg-

Premier and Minister of War, General Janko

A Principality until zoro, in which year it was proclaimed a Kingdom by virtue of a resolution versary of the accession of Prince Nicholas. pire which came to an end after the battle of Kossovo in 2380, since which date it has always be so by the Treaty of Berlin (1878). It has an estimated at 500,000. and conceded for as years to an Italian company. The only manufactures are coarse woolens. Agriculture is the principal occupa-tion. The ports are Antivari and Dulcigno. A representative parliament was granted in 1905. In 1912 Montenegro joined with Bulgaria, Servia and Greece in a war against Turkey,

Revenue 2,701,385 498,250 Total Imports (estimated) Total Exports 498,250 CAPITAL, Cettinje. Population (1907), 5,000

The Metric Nystem of Weights and Measures is in general use. The Orit of Gurrency is the Austrian krone of too heller, known in Montenegro as the perper of no para (perper a 26 years, U.S. deller = 4 perpers on heller). There is no gold coinage, but Turkish, French and English gold coinage to Turkish, French and English gold coinage to the control of the perpension of t DIPLOMATIC INTERCOURSE, American.

U.S. Envoy Extraordinary and Minister Pleni

MOROCCO.

Sultan, Moulai Yusof, acceded 1912. The largest of the Barbary States, situate in

the N.W. of Africa, between 27°-36° N. lat. and x°-xx° 40′ W. long., with a total area of about

granate, lemon, olive, orange, and date are

CAPITAL, Fez. Population, 120,000.

American Consul-Géneral (Taugier), Maxwell

THE NETHERLANDS.

A Music, windelmina Helena Paulina Maria, born 31 August, 1880, succorded her late father, King William III., 23 Nov., 1890; mar., 7 Feb., 1907, H.R.H. Prince Henry, Prince of the Netherlands and Duke of Mecklethurg.

Heiress Apparent, Princess Juliana of Orange-

Nassau, Duchess of Mecklenburg, born 30 April,

1909. Queen-Mother, Emma, Princess of Waldeck and Pyrmont, born 2 August, 1858; married the late King, 7 Jan., 1879, who died 23 November,

1800 : acted as Regent 1800-1808 Minister of Interior, Cort van der Linden, Foreign Affairs, J. Loudon.

A maritime Kingdom of Central Europe, situate with a population, on 3x Dec., 1912, of 6,102,399. The majority, about three-fifths, belong to the several Reformed Churches; and the remainder chief native products are herrings and other the matter products are nermine and other ish, cattle, horses, swine, sheep, poultry, eggs, seeds, potatoes, oats, rye, wheat, barley, beans, peas, buckwheat, betroot, chicory, fax, hemp, tobacco, and dairy produce. The principal manufactures are shipping, bricks, margarine, econs, chocolate, linen, rich damasks, cottons, wooless, clears and these constants.

TRANSPORTATION .- There are 3, 190 kilometres on the grat Dec., rgrr, consisted of 347 steamers,

consisted, on a July, rorr, of ros vessels (q of

vice vessels and to for special service in the

EDUCATION, - Private State-aided primary instruction is encouraged rather than public, though the latter is provided if required, by though the latter is provided in required, by local taxation. The average attendance at primary schools is 95 per cent. Secondary equipped and attended. The principal Univer-sities are at Amsterdam, Groningen, Leiden,

The revenue and expenditure for the a years 1010-1014 are stated as under in florins (florin = 4010 cents) :-

Year.	Revenue.	Expenditure,
)10)11)13)14	200,092,324 205,602,748 202,068,215 226,046,679 228,415,617	203,947,100 208,489,677 222,745,325 234,346,679 253,345,818

The capital of the funded debt on z Jan., xqx4

21/2 per cent. 585,349,200 3% per cent.

Total 1,148,379,900 The cost of the debt in 1914 was 32,383,704 floring for interest (including floating debt charge) and 6,122,500 floring for sinking fund.

AGRICULTURE .- Of the total area (8.038.000 acres) 5.308.450 acres were under crops and grass, acres were woods and forests in 1909. Oats, rye, wheat, potatoes, peas and beans, and beet sugar are the principal crops.

LIVE STOCK.—At the Census of 1910 there were

1,068,361 cows and 958,582 other cattle (total 2,026,943), 889,036 sheep and lambs, 224,231 goats,

\$5,000,000. The fisheries on the Znyder Zee and

Imports from U.S. \$112,215,673 Exports to U.S. 36,294,010

The principal articles exchanged by U.S. and Netherlands in 1914 were (values in dollars):-

EXPORTS FROM U.S. \$25,759,593 Pruits and Nuts 1.988,715 Naval Stores

Wood and Manufactures	5,919,741
IMPORTS TO U.S. FROM NETHER	LANDS.
Fish	\$1,250,719
Hides	3,633,980
Oils	873,168
Plants, Ferns and Shrubs	1,746,369
Precious Stones	7,391,514
Spices	310,085
Tin Tobacco (for Wrappers)	7.453.740

CAPITALS.—Court: The Hague; Commercial: AMSTERDAM and ROTTERDAM. In 1915 there were to communes with a population exceeding over 20,000. Those exceeding 50,000 in rora were

Rotterdam The Hague Utrecht	454,135 298,222 123,457	Arnhem	70,907 64,760 59,297 58,679 54,210

The Metric System of Weights and Measures is

compulsory and universal.

The Unit of Currency is the florin, or gulden,
of xoo cents, worth 40% cents. U.S. currency
(U.S. dollar = z florins 48 cents). The principal
coins are the gold to florins; silver, 2%, 1, and % florin, and 25, xo, and 5 cents; with nickel 5 cents and copper, 2½, z, and ½ cent.

U.S. Envoy Extraordinary and Minister Pleni-

Amsterdam, F. W. Mahin \$5,000

Rotterdam (C.-G.), S. Listoe

Batavia, Bradstreet S. Riarden \$2,000

Dutch.

Netherlands Envoy (22, Jackson Place, Washington, D.C.), Chevalier W. L. F. C. van Rappard Sec. of Legation, Dr. F. M. Schmolck,

There are Consuls-General at New York and

POPULATION, 37,861,513.

total area of 738,000 square miles, and a population (1905) of 37,717,377, of whom as many as 30,008,000 live in the islands of Java and Madura. JAVA and MADURA (customs receipts.

expenditure was 330,446,525 Eurodes. The exports, for private account, amounted in zpz, for Java, Madura, and the other outlying islands, to 77.734.494 florins, while the imports for the same year amounted to 464,964,620 florins. In South America the colony of SHRINAM, or area of 436 square miles, with a population of

NICARAGUA.

long seaboard on both the Atlantic and Pacific Oceans, situate between 9° 45'-15" N. lat. and 83° 40'-87° 38' W. long., containing an area of

51.660 English square miles and a population of posides the Mosquitos, who are mostly in a savage state. There are 172 miles of railroad open, and 1,591 miles of telegraph.

				1914.
Public	evenue			\$3,812,500
Public	expenditure			3,825,900
Extern:				5,900,000
Interns	l Debt		Pes	06 10,000,000
Exports	(1913)			\$7,712,000
				5,770,000
	to U.S. (10	742		2.62n n24
Import	from U.S.	(IOIA)		1.205.248
CHIE	TOWN, M	anagua.	Populat	ion, 35,000;
Leon,	65,000 ; G1	anada,	20,000	Matagalpa,

The Metric System of Weights and Measures

the Unit of Currency is the gold cordoba of 100 in England in ro, 25, and 50 cent pieces, and 5 cents nickel and 2 and z cent bronze. No gold coins have been minted. The silver pesos in circulation on the coast are taken at 40 centavos

American.

U.S. Envoy Extraordinary and Minister Pleni-.\$10,000

Bluefields, Cornelius Ferris 3,500

Consular Agents at Matagalpa and San Juan del

Nicaraguan.

Nicaraguan Enwoy (Stoneleigh Court, Washing-ton, D.C.), Emilio Chamorro. Secretary of Legation, J. Cuadra. There are Consuls-General at Kansas City (Kansas), New York, St. Louis,

NORWAY.

and San Francisco.

King, Haakon VII., second son of the King of Denmark, born 3 Aug., 1872, accepted the Crown 18 Nov., 1905, married 1896 H.R.H. Princess Maud (b. 26 Nov., 1869), daughter of

Heir-Apparent, Olav, Crown Prince, b. 2 July,

President of the Council of Ministers, Minister of State, and Minister of Agriculture, A. G.

Beccessuated Agears and Public Instruction, As. O. Bryggess, L. K. Abrahamsen. Commerce, Navigation, and Industry, J. Castherg. Public Works, N. O. A. J. Urbye. Defence, C. T. Holtfodt.

Consul-General, H. A. W. Eckell, 22 Great Sc.

vinces, or amts, and comprises an area of 124,130

ous, consisting of elevated and barren tablelands, separated by deep and narrow valleys. The

Agriculture, though pursued with some vigour of late, is unable to furnish sufficient produce corn, mest, and pork. The fisheries give em-ployment to a large part of the population throughout the year. The most important are other sea-products are of late increasing. Timber-dressing, mechanical engineering, textile manufactures, pulp, paper, skins and furs, nails, minerals, stone, ice. calcium carbide, condensed milk, butter, margarine, tinned goods, &c.

and compulsory. The war effective is about 110,000 of all ranks. In time of war all males between the ages of 15 and 55 are liable for service. The Navy consists of 4 ironolads, service. The Navy consists of 4 frontiads; a coast defence monitors, 27 torpedo-boats, 3 gunboats, 3 destroyers, 1 submarine, and a few smaller vessels, with 1 destroyer, 1 torpedo-boat, and 3 submarines building.

is compulsory and free between the ages of 7 and 14, schools being maintained by local taxawas attended in rors by 1,500 students,

The total length of railways open in rors was 1.067 miles, of which 282 miles were private belonging to the State in June, 1913, was 13.535 miles. The mercantile marine, 1 Jan., 1914, consisted of 3,203 vessels, of 1,767,874 net tons.

FINANCE.

	Kroner.	Kroner.
P	1913-1914.	1914-191
Expenditure		184,409,90
Public Debt	362,805,563	357:355:66
	1912.	. 1913.
Total imports	525,735,200	552,433,60
Total exports		380,912,10
Imports from U.S., rold		\$0.066.61

Exports to U.S., 1914 9.167,269

WEIGHTS, MEASURES, AND CURRENCY.

The Metric System of Weights and Measures is compulsory. The Unit of Currency is the Krons of 100 over. The krone is worth 26% cents in i krone, 50, 25, and 10 orer; with copper 5 and 2 orer and 2 ore.

American.

U.S. Envoy Extraordinary and Minister Pleniotentiary, (Kronprinsengade 17 and 19,

Secretary of Legation, Military Attaché, Capt. James Totten,

Norwegian Envoy (The, Wyoming) Washington, D.C.), H. H. Bryn. Secretary of Legation, W. M. Johannessen. Attaché, C. F. Smith.

PANAMA.

nickel coins of all cents.

DIPLOMATIC INTERCOURSE.

American. Envoy Extraordinary and Minister Plenipoten-tiary (Panama), William J. Price (1913)

Consuls. Colon, William H. Gale Consular Agents at Bocas del Toro and Santiago

From Panama.

Entoy (Stoneleigh Court, Washington, D.C.), E. A. Morales.

First Secretary, J. E. Lefevre,

President (1012-1016), Dr. Belisario Porras. Secretary of Government and Justice, Juan B. Foreign Affairs, E. T. Lefevre. Treasury, E. A. Morales. Public Instruction, G. Andreve.

One of the nine Departments of Colombia revolted in Nov. 1903, and established a separate Government. The area of the Republic is 31,890 square miles, the population (1910) about 400,000.

3,842,214 Imports (1912) Exports (1912)
Imports from U.S. (1914)

The Metric System of Weights and Measures

z pesos adopted at the suggestion of the United

PARAGUAY.

President (1912-1916), Eduardo Schaerer.

Consul-General in London, Alfred James, 18

Eldon Street, E.C.

Consul in London (vacant).

Revenue (Estimate)	5,425,350 5,495,200 8,999,403
Imports	1924. 58,120,000 5,630,000 173,191 64,651

TRANSPORTATION.

A railroad (Paraguay Contral) has been built and extended from Amnoton, the capital, to Encarnacion, a total distance of aga miles. There is a through train survice from Anucion to Busnos Aires, the care being conveyed across to Busnos Aires, the care being conveyed across to Busnos Aires, the care being conveyed across to Busnos and Contral training to the Landson and Contral training to the can reach Asunction. In 1933 1,372 vessels of 494,889 tones for the most part under the Argon-

and 844 vessels (ac.654 tons) from up-stream entered the port of Asuncion. There were in suga about toe branch poet offices, 75 telegraph offices and 2,050 miles of telegraph line. The capital has 15 miles of electric tran lines.

TOWNS.

CAPTAL, ASUNCION, on the Paraguay river, founded by Juan de Ayolas, in 1537, population (1532) 80.000. Other towns are Villa Rica (30.000), Concepcion (75.000), Luque (15.000), Carapegua (15.000), Paraguari (10.000), and San Pedro (6.700). Paraguari (10.000), and San Pedro (6.700). These figures include the surrounding districts.

WEIGHTS, MEASURES, AND CURRENCY.

The Metric System of Weights and Measures is monitually compulsory, but there are many local standards, e.g., the foredede (a.cag hi), quinted (a.cag hi), and the control with
vos. The gold peso = 95 cents. The currency peso fluctuates, and was in 1914 worth about 5 to 7 cents.

DIPLOMATIC INTERCOURS American.

U.S. Envoy Extraordinary and Minister Pleni

F. Mooney (1914) S10,000
Asuncion, Samuel H. Wiley 2,500
, Vice-Consul, Maxim F. Croskey.

Paraguayan.

Paraguayan Encoy (Woolworth Building, New York City), H. Velasquez. There are Consuls at New York, Philadelphia, and Weshington.

PERSIA.

Sovereign, Sultan Ahmed Mirza, Shah, b. 20 Jun. 1 1858; suc. 17 July, 1909; crotoned 21 July, 1914. Heir Presemptice, Mohammed Hassan Mirza, b. 19 Feb., 1899. Regent, Nacerel-Mulk.

Fresident of the Council, Mustaulier Mamele Foreign Agairs, Alaes Saltaneh.

Persia—called by the natives Iráx—comprisa an area of 590,000 sq. nos. with a population est mated at 19,000,000. By the Angio-Russian Oo vention of Aug., 1999, forest Britain and Russ naturally-engaged to respect the integrity an independence of Persia, white marking out certa regions in S.E. and N.W. Persta respectively with which sends that of the researching and accomm

Persia is mostly an arid table-land, encircled, except on the east, by mountains, those in the north rising to 18,00 ft. The central and castern portion is a vast salt desert. The only navigable river is the Karun, which was opened to foreign navigation from Moham-

mersh to Abwei in 1868. There are only finited of tailway open, and travelling is mostly or caravans, and transport by packanimals. The cost of carriage is, therefore, very heavy. The chief products are seemal, ordine, guint, minerals (little worked) are salt, from, coal, copper, lead, sulphar, étc., with turquoises Olinicide in Southern Persia have been title state of the control of the contr

Persia is divided into provinces, of which the principal are under Governors or Governors-

a corrupt and incompetent administration and an extravagant Court, a nationalist move-ment began in Dec., 1905. In Aug., 1906, the Shah, admitting the need for reforms, granted a Constitution, but after much vaciliation he was deposed by the National Council, and his son, aged eleven years, appointed to succeed him. In rorr the ex-Shah invaded Persia from Russian territory, but was defeated and driven The revenue (\$13,500,000 in 1910-11) is derived from land tax, Crown lands, customs, opium, salt, and lease of monopolies. The foreign debt of Persia amounted (31 Dec., 1911) to \$33,600,000.
The total imports of merchandize into Persia in Ine total maports of merchandize into Persia in 2970-rs amounted to \$48,500,000, and the ex-ports to \$37,600,000. Russia had about half of the imports and nearly three-fourths of the exports; the British Empire 35 per cent of the exports; the British Empire 35 per cent, of the imports and 84 per cent, of the exports. Turkey and France were the other chief participators. The sea-borne trade of Persia passes chiefly through the ports of Bushire, Bunder Abbas, and Mohammersh, and wiz Baghdad. The Ship,

and indigo. The principal exports are dried and indigo. The principal exports are dried fruits, raw cotton, pearls, opium, rice, wool, fish, hides and skins, carpets, and silk cocoons. The customs (as also the post-office) have, since roop, been managed by European officials,

mnorte			1913-14.
Exports			43,633,326
mports	from U.S. (x	(1914)	 2,342
	Tehren		

U.S. Envoy Extraordinary and Minister Pleni-potentiary (Tehran), John L. Caldwell (1914)

Tabriz, G. Paddock

Persian.

ling of the rersian Guir is principally orbital. Persia's chief imports are cotton piece-goods (mainly from England, India, and Russia) and sugar (from Russia and France), with tea, cotton yarn, metal wares, gold and silver, petroleum, Chargé d'Affaires, Mirza Ali Guli Khan. There are Consuls-General at Jersey City and

PERSIAN GULF AND ARABIA.

Arabia is a peninsula in the south-west of the Asiatic continent, forming the Arous is a peninsum in the softlowest of the Assatt continents, forming the connecting link between as and Africa. The total area is about 1,200,000 square miles, with an estimated population of 4½ to 5 millions. The political divisions area—Turkin Dependacies (Hejas, airt, Yeng, 100,4), El Hass, and El Katty 4,350,000 square miles, population 3,500,000 and 100,000 for high political population 1,500,000 and 100,000 for high political population 1,500,000 and 100,000 for high political polit 50,000. The remainder of the peninsula consists of the Hamad (or Syrian Desert), the Nafud (or Red Desert), and the great Dabna Desert, which have a total area of close Gulf owing to the proximity of British India.

PERU.

President (1912-1916), José Pardo. Premier and Minister of War and Marine, Colonel Benjamin Puente.

Poru is a maritime Republic of South W. The territory between 17 47 S. and 10 13 S. is still occupied by Chile. The area of the Republic is estimated at 680,026 square miles, and the population at 3,530,000. It is bounded on the north by the republics of Ecuador and Colombia, as the latter claims a territory in the Amazonian basin; on the east' by the Brazilia

and Bolivia, and on the south by Chile and

Public Revenue	000
	000
Public Expenditure 19,754,6	
Total Debt (1 Jan., 1913) 30,000,0	
1913.	
Total Imports 30,443,8	80
Total Exports 45,688,9	000
1014.	
Imports from U.S 7,141,2	52
Exports to U.S 12,175,7	23
CAPITAL, Lima. Population (1908), 141,000.	

The Metric System of Weights and Measures is

Pulgada (12 Linea)	==	'927 it
Sesma (6 Pulgada)	=	5'564 ir
Vara (6 Sesma)	222	2.782 fc
Estado (z Vara)	=	5'564 fc
Legua (of Castile)	=	4636'66 ya
Fanegada	=	x 6374
Cuartillo (4 Capo)	=	
Cuartilla (2 Azumbre)	=	*8879
Arrobo Mayor (or Cantara)	_	3'5517
Mayor (16 Cantara)		56'276 g
Medio (2 Quartillo)	=	10681
Almude (z Medio)		'x256 !
Fanega	=	2'5076
Cahiz	=	18.0010
Tomin (12 Grano)	=	,02113
Onza		*063A J
Libra (of Castile)	Ξ	1'014
Quintal	-	FOX SAS III

Callao (C.-G.), William W. Handley\$5,500 Vice-Consuls, W. Duval Brown; G. L. Cooper.

Peruvian Envoy (2223, R Street, Washington, D.C.), F. A. Pezet.

PORTUGAL.

President (1915-1919), Dr. Bernardino Machado. Prime Minister, Senhor José de Castro. Foreign Affairs, A. Soares.

Portugal lies in 370-42° 8' N. lat. and 6° 15'-30' W. long., being 360 miles in length from

iron, slate, and bay-salt, which last, from its hardness and purity, is in demand. Its manufactures consist of gloves, silk, woolen, linen, and cotton fabrics, metal and earthenware goods, tobacco, cigars, &c. The exports consist to the extent of so per cent of wine, which is the chief industrial product of the country; others are cork, cattle, copper-ore, fruits, oil,

EXTERNAL TRADE.—The imports are manufactured goods—hardware, cotton and woolen stuffs, machinery, wheat, sugar, dried fish, coal, &c.

TRANSPORTATION.—The commercial marine (1921) numbered ps steam and one salling vessels, with a tournage of 108,336. In 1912, 12132 to 100,000 t

DEFENSE.—Service in the militia is universal and compulsory, The peace effective is about 23,000. War strength, about 15,000. The Navy consists of x coast defense ship, 4 protected cruisers, some old pattern gunboats, 4 destroyers, and x submarine, manned by about 4.60 sailors.

PRICATION

Free and nominally compulsory between the ages of y and x₀ but is not strictly enforced, and over 15 per cent. of the population of 2 conducted in state lyceums. There are also military naval and other special schools. The University of Colmbra (1291) had 1, noo matriculated students in nava.

DEST + NEON

Revenue (estimate)	\$100 #8# 800
Expenditure (estimate)	60,567,800
Total Debt (3x Dec., x9x3)	
Exports	72,539,000
Imports from U.S.	1914. 5,233,048
Exports to U.S	6.165.065
CAPITAL, Lisbon. Population (19	00), 356,009;

PORTHGHESE COLONIES

MACAO, in China, on the Canton River, has a area of 3 square miles and a population of 80,000 Revenue, x909-10, \$636,500; imports, \$7,600,000 exports, \$5,500,000.

PORTHOUSER TIMOR (the northern portion o the island), in the Malay Archipelago, has an area of 7,450 square miles, with a population of 300,000. Revenue, 1910-11, \$200,000; imports \$400,000; exports, \$220,000

CAPE VERDE ISLANDS, off the west coast of Africa, have an area of 1,475 square miles and a population of 150,000. Revenue, 1505-10, 5450,000; exports, \$350,000; imports, \$1,500,000.

PORTUGUESE GUINEA, on the west coast of Africa, has an area of z4,000 square miles and a population of 400,000. Revenue, z909-z0,\$3z0,000; exports, \$450,000; imports, \$900,000.

SAO THOMÉ and PRINCIPÉ ISLANDS, in the Gulf of Guinea (area 442 square miles, population 45,000). Revenue, 1909-10, \$932,500; imports, \$2,600,000; exports, \$3,250,000.

PORTUGUESE WEST AFRICA (Angola and Kabinda) has a total area of 480,000 square miles, with a population of 5,000,000. Revenue, 1909-10, \$2,300,000; exports, \$3,500,000; imports,

PORTUGUESE EAST AFRICA (Delagoa Bay, Gazaland, Inhambane, Mozambique, Nyasa, Quilimane and Tete) has a total area of 300,000 square miles, with a population of 3,200,000. Revenue, 1909-10, \$5,500,000; total trade (imports and exports) \$500,000.000.

TOWNS.

CAPTRAI, LEBON, on the Tagus. Population (1971) 43;369. Oporto had a population (1971) of 196 664. There are no other large towns, but Brags, Loule, Setthal, and Prunhai (Madeira had populations exceeding sapon in 1971, and populations exceeding sapon in 1971, and pott of Illano, Preva de Varlein, Aviet, Faro, Ovar, Ohiao, Visama do Castello, and the inland towns of Colimbra, Foron, Covilla, Pitzas, Portalegre, and Ponta Delgada and Angra in the Azores.

WEIGHTS, MEASURES AND CURRENCY.

The Metric System of Weights and Measures
has been officially adopted, but some of the old

standards survive, e.g., the libra (of rozz h.), adqueire (o 37 bushel), and moi (o 28 bushel). In Lisbon and the south the liquid admide = 4 44 U.S. gallons, and in Oporto and the north the admide = 5 72 U.S. gallons.

The Unit of Currency is the escudo, 1,000 escudig behing a copto. The escudo is of the same escudig behing a copto. The escudo is of the same

escudos being a conto. The escudo is of the same value as the obsolete milreis, and contains xeocentavo. The escudo at par = \$x.08, but the exchange is about 94 cents.

DIPLOMATIC INTERCOURSE.

U.S. Envoy Extraordinary and Minister Pleni

Lorenzo Marques, G. A. Chamberlain 5,000 " Vice and Deputy do., James O. Spence. St. Michaelts, Azores, Walter H. Shultz ... 3,000 Consular Agents at Fayal, Funchal, Saō Vincente and Terclera.

Portuguese.

iguese Envoy (Stoneleigh Court, Washir

There are Consuls General at New York an

RUMANIA.

King, Ferdinand von Hohenzollern, born zz (24) August, 1865; succeeded to October, 1914; mar. 28 Dec., 1892 (re Jan., 1893), to Princess Marie of Edinburgh.

Heir Apparent, Prince Carol, born 2 (15) Oct., President of the Council and Minister of War,

Public Works, Dr. C. Anghelescu. Justice, Victor Antonescu.

The Kingdom of Rumania contains a total for the fearful summer droughts, would be also

PRODUCTION AND INDUSTRY.—The agricultural produce consists of wheat, maize, miliet, barley rye, beams, and peas. Vines and fruits are abundant. The forests are of great extent and inportance, but the riches of the country con. sist mainly in its cattle and sheep. Mineral

EXTERNAL TRADE.—The imports are chiefly the manufactured goods of Western Europe the exports consist principally of wheat, barley maize, petroleum (1,500,000 metric tons in 1910) rock-salt, spirits, hides, wood, and cattle.

TRANSPORTATION .- The total length of railof railway construction has been undertaken at a proposed outlay of over \$85,000,000. The work will be spread over a period of seven years, and

DEFENSE .- Service in the Army is universal

Rumania is not a Balkan State, and took no part in the operations of the Balkan League from Bulgaria at the Treaty of Bucharest, by amounting to 7,609 square kilos, with a popula-tion of 285,000, was surrendered to Rumania. Principal towns, Silistria and Dobritzi.

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7

	CAPITAL, Buc	harest.	Pop. (about) 400,000.		
1					
0 7	CAPITAL, B	UCHARES Other to	r, Population wns are:-	(191a)	
8	JassyGalatz	66,000	Buzeu	24,000 22,000	
y	Braila Ploesci Craiova	50,000 46,000	Turnu Severin Dobritch Constantza	18,000	
	Botoshani Bêrlad Focshani	34,000	Giurgevo Silistria	15,000	
2	rocenadi	25,000			

The Metric System of Weights and Measures was adopted in 1889, but some of the Turkish

25, 20, 121/2 and 10 lei; silver, 5 and 2 lei, 1 leu and so bani; nickel, so, so and 5 bani; copper,

tentiary (8 Strada Putu de Piatra Bucharest), Charles J. Vopicka (1913)

RUSSIA.

Tsar, Nicholas II., Emperor of all the Russias, b. 6 (19) May, 1868; suc. 20 Oct. (2 Nov.), 1894; m. 14 (27) Nov., 1894, Princess Alix of Hesse (Alexandra Feodorovna), grand-daughter of Queen Victoria, and has issue a sob, Alexis Nicholaiswitch, b, 30 July (1a Mug.), 1904, and 4 daughters, Olga, b. 15(38) Nov., 1895, Tatiana, b. 10 (33) June, 1897, Marie, b. 25 June (g July), 1899, and Amastasis, b. 18 June (g July), 1901.

Heir Apparent, Grand Duke Alexis Nicholais-

President of the Council of Ministers, J. L.

Foreign Agairs, M. S. D. Sazonon, Interior, Financs, P. Bark. Public Instruction, M. L. A. Kasso, Public Works, M. S. V. Rukhloff, War, General Pilivanoff.

Agriculture and Crown Domains, A. W. Krivo-

Ambassador to France, M. Iswolsky; Italy, M. Kroupensky; U.S.A., M. Bakhmetiev; U.K.

Russia Proper		
Poland		12,776,10
Finland	144,178	3,140,10
Caucasia	×80 =02	12,298,10
Central Asia	1,325,530	10,727,00
Siberia	4,786,730	9,577,90
Dependencies:		
Khiva	25,028	800,00
Bokhara	78,524	1,500,00
Inland Lakes	317,468	

The largest towns in European Russia are

Nationalities (1905).—The various nationali-ties were represented about as follows:—Russ, two-thirds of the whole population, or 65'5%; Armenians, 0'9%; Jews, 3'9%; Caucasians, 0'9%; Finns, 4'5%; Turco-Tartars, 10'6%; Mongols,

Kuisso-steek Church, omeraily caried the Orthodox Catholic Faith. According to religious there were: —Orthodox, 59.9%; Mussulman, 10.83%; Roman Catholics, 8.97%; Protestants, 4.85%; Jews, 4.05%; other Christian bellefs, 0.96%;

tens; osts, 15,569,348 tons; milet, 2,354.00

ons; maize, 2,861,706 tons. Hemp and flax are extensively cultivated, and of late years potatoes 37,399,474 tons in 1913) and tobacco (7,716,926 2003 of 6 lb. in 1911.)

The Live Stock in 1912 included 48,896,000 cattle,

4,066,000 sheep, lambs and goats, 13,508,000 pigs, and 33,169,000 horses.

Minerals.—The Obdorsk and Ural Mountains ontain very great mineral riches, and, with the oal output for the whole of Russia in rorr 1912, 274,946,000 poods), copper, 2,046,780 poods n 1912 (in 1913, 2,095,289), quicksilver (2,900 node in 1908), salt (122,940,000 poods in 1911). nd lead (75,585 poods in 1911).

The principal ports are Petrograd the avail depot and fortress Kronstadt, Narva, Riga, and Fortress Kronstadt, Narva, Riga, Tibulinia, Newel, Reisingfors and Wiborg Guid Finland), Archangel and Ekaterinak (Arctid of White Sasa), Odesa, Nicolaieft, Savastopol, lova-Rossitak, Berdianak, and Batoum, Tagamorg, Gartipol, Rostoff and Kertch Black be and Oracing Control of the Control A Azov), Astrakhan, Derbent and Baku (Caspian es), and Nicolaieffsk, Vladivostok, and Petro-aulovsk in Kamtchatka (Pacific).

With the exception of Finland, education is bry backward, especially in country districts. Tobably not more than 10 per cent. of the nto numbers and attendances are small. Special chools are increasing in number, especially in the European cities. There are universities at fazan, Klev, Kharkov, Moscow, Odessa, Petro-nad, Saratov, Tomsk, Yuriev and Warsaw.

The total length of lines open for regular ratio on 1 shuurry, 1937, was 46,399 miles belouder of 1,397 miles in Finland, and 1,079 miles of the fastern China Rallway. New form the control of the per miles, of which 1,832 were Government per projected lines authorized (1-14 Jan., 1944, totalled 1,409 miles. In 1912 the gross revenus mounted to 5,557,058,008,000. The number of pas megers carried was 25,709,308, and goods traff-mounted to 2,925,476 form. The total length of lines open for regular

Army.
Service in the Army is universal and com-

pulsory for all subjects except the inhabitants of the Grand Duchy of Finland and the mative races of Asia, but the exemptions for family and professional reasons, though restricted by the law of zgzz, still remain more liberal than elsenaw or spr, som remain more mora until en-where. Service, except in the Cossacks, lasts from the asst to the 44th year, and is divided as follows: Infantry and foot artillery, 3 years in the Active Army, 15 years, with two brainings of 6 weeks each, in the reserve, and 5 years in the of weeds each; in the reserve, and y years in the Territorial Army; cavalry, mounted artillery, engineers and railway troops, 4 years in the Active Army, 13 years in the reserve and 6 years in the Territorial Army. The Cossoks serve x year in the "preparatory" class, 12 years in the of 4 years each; in the first category service is

the Cossacis are generally on furfough. In head-chapter at the Courtery Market State (Market State State Co-dense, Moscow, Kasan, Tiflis, Tashkent, Omsk, Fitutat, and Khabarovak. The Army is divided into 22 Army Corps, distributed as Siberia S. There are 27% cavalry divisions (Europe 21%, Caucasu 4, Turkeetan 1, and Siberia S. The Peace strength is 2, 220,000, and Siberia S. The Peace strength is 2, 220,000, and

The infantry are armed with a five-cartridge The insafty are armed with a nive-carridge magazine rife of cago-inch calibre, the cavalry with a similar rife, bayonet, sword and lance. The artillery have a z-inch q-f, gun a 4-y-inch howitzer, and a 42-line q-f.gun and 6-inch howitzer.

The normal army corps consists of a infantry divisions, a howitzer division (a batteries each of 6 guns) and a battalion of engineers. An normal army corps therefore contains 32 infantry battalions, ro8 guns and r engineer battalion, and has a total of 40,000 of all arms. The cavalry division contains a cavalry brigades 24 squadrons and 12 guns.

The ships of the Navy are organized in a fleets (Baltic and Black Sea) and a squadroms (Siberian and Caspian), manned by compulsory service of the maritime population, with 5 years' active service and 5 years in the reserve. The personnel of the Navy is about 60,000 of all ranks, the ships being shown in the following table:—

	*Name. (f=Turbines.)	L'chd.	Tons.	Main Armament,
200000	Battleships: Imp. Aleksandr III.§ Imp. Mariya§ Ekaterina II.§ Petropaylovsk§ Poltava§	igit igit igit	28,150 23,000 23,000	13 X12 in.

Name. (§=Turbines.)	L'obd.	Tons.	Main Armament.
Ganguto	1911	a3,000	raxra in.
Imp. Pavel L	1907	17,400	4×12 in.
And. Pervõzvanni Evstafi	1906 1906 1006	13,840	27 El
Slava	1903	13,500	4×12 in.
Tzesarevich	IQQI	13,000	
Panteleimon	1900	12,600	{ 4×12 in, (16×6 in.
Rostislav	1896	8,800	(4×10 in. (8×6 in.
Tri Svyatitelya	1893	13,320	(4×12 in, (8×6 in.
Armored Cruisers:			(a×8 in.
Bayan	1907	7,775	18×6 in.
Pallada	1906	37	(4×10 in.
Ryurik	1906	15,200	18×8 in.
Adm. Makarov	1906	7,760	(2×8 in. (8×6 in.
Gromoboi,	1899	13,220	4×8 in. (22×6 in.
Rossiya	1896	13,200	- 13
Protected Cruisers: Pamyat Merkuriya	1003	6,675	ra×6 in.
Oleg	1903	21	23
Kagul Bogatuir	Igoz	6,650	32
Askold:	Igor	5,000	32
Aorora	1900	6,730	10×6 in.
Diana	1899	21	32
znd & 3rd Class: Ruinda Zhemchug Almaz ,	1885 1903 1903	3,540 3,130 3,a85	4×6 in. 8×4·7 in. 3×4·7 in.

Torpedo Vessels: 3. Torpedo-Boat-Destroyers: Built, 95; building, ro. Torpedo Bouts: 1st class, 28; 2nd class 1. Submarines: Built, 29; building, 7

There were (roxx), excluding Finland, 18.261

Ordinary Extraordinary	3,240,599,006	3,521,697,2
Budget Expenditu Ordinary	3,012,254,284	3,302,675.7
Extraordinary National Debt.—T	288,294,722 he National D	255:565.7 ebt amount

The total of gold in the State Bank at z (14) November, 1914, was 1,832,742,908 roubles.

Trade and Commerce.—The chief imports are

Fotal Imports .			20,407,40
Total Exports		8	02,792.59
Imports from U.	S., 1914		31,303,14
Exports to U.S.,	IQI4		23,320,15
The principal	articles of	marchs	ndize ex
Aug principal	ar cicios Or	THOLOTHE	

EXPORTS TO U.S.	
Hides and Skins	\$13,466,5
Wool, unmanufactured	3,772,2
ibers	340,3
Chemicals, Dyes, etc	1,583,2
urs, and Manufactures	302,2
IMPORTS FROM U.S.	
gricultural Implements	\$7,008,8
ron and Steel, and Manufactures	7,358,1
eather, and Manufactures	1,332.8
Thers	2,453,8

Population (ross), z.os8.506

Governor-General, General Seyn.

A Grand Duchy on the gulfs of Finland and Sweden, and finally annexed in 1808. The area is 144.254 square miles, with a population of is 144,254 Square miles, with a population of about 3,000,000 in 1907, of whom about a,600,000 are Finns, 400,000 Swedes, 19,000 Russians, 3,000 Germans, and 2,000 Laps, leading a nomadic life in the north. Nearly all the inhabitants are Lutherana. There is a university at Heisingfors,

The name, St. Petersburg, was changed by Imperia

Petersburg Military District. The estimated revenue in 1909 is \$15,545,000, and the estimated expenditure \$56,000 cos; the debt made expensive the estimated expensive the estimated expensive the estimated expensive the estimated in the expensive the expe

1880, succeeded 1911.

Khan, H.H. Said Asfendiar, b. 1871, succeeded

Trans-Caspia, and has a total area of about

3 archine = x sachine 500 sachine = x verst

The Russian pound being nine-tenths of the U.S. pound, the pood of 40 Russian pounds = 36 lb. U.S.; while 62 Russian poods = 1 long ton.

The Unit of Currency is the Rouble of roo kopecks. The rouble = 51% cents, the U.S. dollar = 1 rouble 94 kopecks. Gold coins are ro and 5 roubles; Silver, x rouble, and 50, 25, 20, 15, ro and 5 kopecks; Copper, 5, 3, 2, 1, 1% and 3 kopeck (the kopeck approximately=half

American Ambassador (24, Fourstadskaya, Petrograd), George T. Marye (1914)...\$17,500 121 Secretary, Charles S. Wilson ... 3,000 3nd Secretary, William P. Cresson ... 2,000 3rd Secretary, Frederick A. Sterling ... 8,000

I oscow (CG.), J. H. Snodgrass	8,000
,, Deputy do., Luther K. Zabriskie.	
dessa, John A. Ray	3,500
Vice-Consul, D. J. Howells.	
,, Vice-Consul, D. J. Howells.	3,500
" Vice-Consul, R. C. Woodhouse.	
etrograd, North Winship	3,500

", Vice-Consul, W. Fuchs. Consular Agents at Helsingfors, Libau, Revel,

ton, D.C.), G. Bakmateff. Chamberlain & Counselor, A. Scherbatskvy.

ist Secretary, A. O. Lyssakowsky.
2nd Secretaries, H. de Bach; B. Yonine.
Military Attaché, Col. N. Goleievsky.

SALVADOR.

Revenue	\$9,156,080
Expenditure	
Internal debt	
Treasury bonds	
External debt	
Imports	10,290,575
Exports	15,085,180
Imports from U.S	2,155,135

CAPITAL, SAN SALVADOR, Population, 60,000. Other towns are: Santa Ana (50,000), San Miguel (23,000), Ahuachapán (20,000), San Vincente (20,000), Chalchuapa (20,000), and Zacate-

coluca (20,000). WEIGHTS, MEASURES, AND CURRENCY.

The Unit of Currency is the peso of 100 cen-The gold peso is an imaginary coin, of the value of os cents.

American.

U.S. Ennoy Extraordinary and Minister Plenipotentiary (San Salvador), Boaz W. Long Secretary of Legation, Henry F. Tennant 2,000

San Salvador (C.-G.), The Secretary of Legation.
Vice and Devuty do., Lynn W. Franklin.

Salvadorian. Salvadorian Envoy (1800, Connecticut Avenue, Washington, D.C.), Rafael Zaldivar.

SERBIA.

King Peter I. (Kara Georgevitch), b. 1844, elected 1 15 June, 1903, married, 1883, the late Princess Zorka of Montenegro.

Heir Apparent, Prince Alexander, b. 1888. Premier and Foreign Affairs (12 Sept., 1912),

M. Nikolas Pashitch Interior, M. Stovan M. Protitch,

Commerce and Agriculture, Dr. Jankovitch.

Finance, M. Laza Patchou.

Public Works, M. Yovan P. Yovanovitch. A Kingdom of Eastern Europe, separated from and Montenagro and on the south by Greece. By the constitution of 1889 a "Skupstchina," a parliament elected by ballot, represented the in rors it had an area estimated at 18,757 square in 1912 it had an area estimated at 18,757 square miles, with a population in 1910 of 2,911,701. In 1913 Serbia, as a member of the Balkan League (Bulgaria, Greece, Serbia, and Montenegro), wased a successful war against Turkey.

somewhat primitive fashion. The principal wheat for export; flax, hemp, and tobacco are also grown, and silk-culture is carried on to a limited extent. The imports consist mainly of cottons, sugar, and colonial goods, hardware, woolens, &c. ; the export, of dried prunes (11.5 per cent.), pigs, and wool, besides wheat, wine, hides, cattle, and horses. The bulk of the trade is with Austria. There were (1911) 580 miles of railway, and (1908) 2,200 miles of telegraph, with 1,460 post offices and 1,100 miles

The Army on a peace coting consists of

being about 250,000.

Schools. The University is at Belgrade.

Revenue	\$42,864,200
Expenditure	. 42,864,200
Public debt	. 71,763,000
	1912.
Total imports	\$21,218,705
Total exports	16,844,265
	1914.
Imports from U.S	\$ 9.462
Exports to U.S	. x,949,835
CAPITAL Relorade Population	YOYO 00 000

. The Metric System of Weights and Measures

In 1833.

The Unit of Currency is the dinar of 100 paras (equivalent to the fram of 100 centimes). The dinar 100 cents is the dollar == g dinar 12 paras. Gold coirs are 20 and 10 dinars, silver 5, a and r dinar and 50 paras; nickel 20, 10 and 5 paras; copper 10, 5, 2 and 1 para.

American Envoy® Extraordinary and Minister Plenipotentiary (resident at Bucharest, Rumania, q.v.).

Belgrade (Consul), Lewis W. Haskell......\$3,500

Serbian.

SIAM.

vudh Mongkut Klao, born z January, 1880; general adviser, and, since 1805, a Legislative Council of State, consisting of the Ministers.

The currency is the silver tical, worth about 30 cents. The Mint was closed to the free coinage of silver in Nov., 2902. In N.W. Siam

Total Revenue...... \$26,153,845 CAPITAL, Bangkok. Population (1909), 628,675.

U.S. Envoy Extraordinary (Bangkok), William H. Hornibrook (1915)......\$10,000 Secretary of Legation, Frank D. Arnold 2,000 Consul, Bangkok, Carl C. Hansen, Siamese Envoy (The Dresden, Washington, D.C.), Phys Prabla Karavongeo.

SPAIN.

Queen Maria Christina, born 17 May, 1886; married 31 May, 1906, H.R.H. Princess Victoria

their Appener, H.E.H. The Prince of the As-turias, 16th Alfonso, born to May, 1997. Premier, Dun Schurdto Bato. Schurdto Bato. Schurdto Bato. Interior, Don José Sanches Guerra. Public Works, Don Javier Ugarte. Justice, Don Manuel de Burgos. War, Don Kamon Echaglee.

area of 196,700 English square miles, and a population (1910) of 19,588,688. The interior of the peninsula consists of an elevated tableland, surrounded and traversed by mountain ranges formed is dated 30 June, 1876. The principal towns are Madrid (pop., 597,573), Barcelona (587,219), Valencia (233,348), Seville (155,366), (\$97,a29), Valencia (\$32,348), Seville (\$25,569), Allaiga (\$25,259), Murcia (\$22,369), Saragas, Allaiga (\$25,259), Murcia (\$22,369), Saragas, Sarag

The largest customers of Spain in 1913 were (values in pesetas):-

	Imports from.	Exports to.
Great Britain France	200,585,000 204,270,000 \$30,387,500 185,370,000 600,950,000	244,668,000 327:745,000 \$24,658,867 - 74,420,000 487,550,000

Railroads.-In 1913 there were 9,299 miles of

parcels, etc. There were also 2,270 telegraph offices (and 2 wireless stations), with 59,895 miles of line, transmitting 7,200,250 messages, and 2,932 telephone stations.

Shipping.—The mercantile marine in 1974 consisted of 628 steamers (844,222tons) and 236 salling vessels (33,970 tons), a total of 364 vessels of

877,292 tons. In 1914, 18,774 vessels (21,595,984 tons) entered and 16,854 vessels (19,192,697 tons) cleared at Spanish ports. The coasting trade is almost entirely Spanish, and the Spanish proportion of the ocean shipping is annually

including forces in North Africa, was, in 1914, 13,500 officers and 122,000 men. War strength: Field Army, first line, 230,000. Second line,

Vational Debt	9,410,184,68
otal Exports	\$177,449,50
TOWNS.	
CAPITAL, MADRID, on the river	Manzahares
opulation (1910) 571,539. At the census of 1910 there were	towns with
opulations exceeding 100,000, 15 0	thers exceed

exceeding 50,000 in 1910 Were :-Palma 68,350
Valladolid 71,703
Cadiz 67,174
Santander 64,320
Córdoba 65,166 Madrid597,573 Cartagena...... 96,983

The Metric System of Weights and Measures was officially adopted in 1859, but many of the Old Spanish standards are still in use. (See

Ola Spanier Control of the peset of 100 p. 245). The Monetary Unit is the peset of 100 centerinos, the par value of which is one frame, or 193/2 cents, the U.S. dollar = 5 peset as 18 centerinos. The actual value has, however, declined since.

Barcelo		Carl B.			55.5
, (V	ice and De	eputy do.), John R	. Putna	
	Paul H. For	ster			
Madrid		n Honey			2,5
Malaga		Gassett.			2.0
, (V		Geary.			
	Wilbur T.	Gracey			3,0
		K. Stiles			2,5
		wson			3,0
	er Agents	at Alica	nte. Alm	eria, B	

Spanish Ambassador (2620, 16th Street, Washington, D.C.), J. de Riaño y Gayanagos.
12t Secretary, M. Walls.

of Biafra in 3° 12' N. lat. and 8° 48' E. long., about

SWEDEN.

Gustaf V., born 16 June, 1858; suc. 8 December, 1907; mar., 20 Sept., 1881, Victoria, dau. of Grand Duke of Baden, born 7 August, 1862 (and has

Heir Apparent, Gustaf Adolf, Duke of Skåne, Crown Prince, born 11 Nov., 1882; married, 15 June, 1905, Margaret, daughter of H.R.H. the Duke of Connaught.

Interior, H. O. F. von Synow. Finance, A. F. Vennersten. Instruction, K. G. Westman. Agriculture, Baron J. G. Beck-Friis. Winisters cans portefeuille, S. J. Stenberg; S. N.

telegraph stations (1912). There were at the	Eskilstuna Jönköping
Igra, Igra.	Karlskrona
Imports\$215,550,000 \$233,077,500	Uppsala

Imports from U.S.\$30,387,569 Exports to U.S. 24,658,867

Illiteracy rare. Maintained by local taxation.

Revenue (Budget)\$76,445,000 Debt (Jan.)\$168,355,045 \$171,409,850

CAPITAL, STOCKHOLM, population (1913) 382,085. In addition to the capital, there were

Linköping...... 24,200

The Metric System of Weights and Measures is compulsory. The Unit of Currency is the krona of 100 ore, the krona being worth a6% cents or U.S. dollar=3 kronor 73 ore. of the coins are the 20, to and 5 kronor pieces; silver 2 kronor and 2 krono and 20, 25 and 10 ore; copper 5, 2 and 1 ore.

Swedish Envoy (2006, N. Street, Washington, D.C.), W. A. F. Ekengren. Secretary of Legation, Count C. Blonde.

SWITZERLAND.

-President (1914) M. Gimeppe Motta.
Vice-President, B. Camille Decepped.
Vice-President, B. Camille Decepped.
Vice-President, B. Camille Decepped.
Commerce, Indianty, &c., M. Schulthess.
Department of War, M. Decopped.
Telerior, M. Glouder.
Planten, M. Motta.
Planten, M. Motta.
President M. Motta.
Pres. of Mational Commed. F. Bonjour.
Pres. of Mational Commed. F. Bonjour.
Pres. of Camille of States, A. Geel.

Pres. of Council of States, J. Geel. Federal Chancelor, H. Schatzmann. Federal Tribunal, Lausanne (24 members and 9 substitutes), President, Dr. A. Honegger. Director, International Posts, E. Ruffy. Direc, International Telegraphs, Emil Frey. International Industry, Literature & Fine Arts,

Minister in London, Gaston Carlin, 3 Portland Place, W.

miles, with a population of 3,877,210 in 1013.

Universities: Bale, Berne, Fribourg, Geneva,

	1914.
Public revenue	
Public expenditure	
National debt	23,222,200
Total imports	383,963,256
Total exports	275,279,823
Imports from U.S	1,010,602
Exports to U.S.	
moverno	

Zürich 190,733 | Geneva 123,160 Bâle 132,280 | Berne 85,650

The Metric System of Weights and Measures is compulsory, but old names survive in the pfund, halbpfund and viertelpfund. The pfund= common standard is the arpent of z o88 hectares, or o'845 acre.

U.S. Envoy Extraordinary and Minister Pleni-

Vice and Deputy do., Arnold Zuber. \$3,500

Berne, Max J. Bachr 3

3,500
S. Goll, George N. Ilt.
S. Goll, George N. Ilt.
Vice and Deputy do, R. H. Williams,
First C.-G.), Francis B. Keene 4,500
N. C.-S., Frank Bohr.
Deputy C.-G., Louis Lombard.
Consular Agents at Lucerne and Vevey.

Swiss.

Swiss Enroy (2013, Hillyer Place, Washington, D.C.), Dr. P. Ritter. Secretary of Legation, Dr. E. Baumann.

TURKEY.

Sultan, Mehmed V., b. 3 Nov., 1844; proclaimed Heir Apparent, Youssouf Izzedin, b. 1857.

Foreign Affairs (Khandjie-Naziri), Prince Sald Halim Pashs.

and Kurdistan, Mesopotamia and Syria, and Turkish Arabia:—

present nonulation being about 200,000, of whom

Establishment (before war of 1912), abt. 220,000;

INANSPORTATION.

In 1914 there were 4.30 miles of railroad open, 1,230 miles in European and 3,000 miles in Asiatic Turkey. Of this total 1,000 miles (Hejaz line) are owned and worked by the Ottoman Government and 3,230 by foreign concessionaires (French 1,380, German 1,330.

WEIGHTS, MEASURES AND CURRENCY Weights and Measures,

Weights and Measures.

The Metric System of Weights and Measures is nominally obligatory, but is little used. The principal weights and measures are shown in the following table, the metric denominations being

Drachma = 154' 324 grains.

Brachma = 154' 324 grains.

Kerât = 1' 125 inches.

Kerât (weight) = 3' 09 grains.

Khât = 1 centimeter = 0' 3937 inch.

Rottol = 3 or5 pints.
Sultchak = 1 cubic decimeter = 61 or4 cubic

Currency.

The Unit of Currency is the piastre of 40 paras; the piastre = \$0.044. The Turkish fira, or pound (expressed as £T) of roo piastres = \$4.40 U.S. The principal coins are the gold bourse.

U.S. The principal coins are the gold bourse of so platters, jaiké of as pitasties, and to find the principal of an optimize and to find the principal of an optimize and to find the principal of the principal o

£Tr = 10'92 Netherlands' florins.

Ambassador (42 & 44 Rue Cabristan, Pera, Con-

URUGUAY.

is of excellent quality. Gold mines exist at Cuñapirú. The exports are almost entirely There are 1,570 miles of railroad open (1913). and 4,850 miles of telegraph in 1913, with 19,039 miles of telephones. There were 905 post-offices dealing with 127 660 828 letters and nackets.

and the second second	1912-13.	1914-15
Revenue (Estimate) .	*\$35,122,171	*\$31,457,79
Expenditure	35,133,171	31,153,71

		1914-
Total debt	\$133,295,145	\$145,003,50
Total Imports		37,235,00
Total Exports	48,748,000	52,420,00
Imports from U.S. (1914		
Exports to U.S. (1914)		7,715,14

CAPITAL, MONTEVIDEO (San Felipe y Santiago de Monte Video), on the northern shore of the Rio de la Piata estuary. Population (1913), 359,556. Other towns are Paysandti (20,000), Salto (18,000), Mercedes (15,000), Florida (13,000), alto

The Metric System of Weights and Measures has been officially adopted, and its use is obliga-

are issued. Silver coins are the pess and 50, 20, and 10 centesimos; nickel 5, 2, and 1 centesimos; forceign gold circulates at fixed rates being legally current. The note issue of the Bank of the Republic 1912 represents over

U.S. Envoy Extraordinary and Minister Plenipotentiary (1056, 18 de Julio, Montevideo), Robert Emmett Jeffery (1915)\$10,000 Secretary of Legation, H. F. A. Schoenfeld 2,000

Montevideo, Herman L. Spahr 3,500 Vice-Consul, Albert G. Ebert.

Uruguayan.
Uruguayan Envoy (1734, N Street, Washington, D.C.), C. M. de Pena.

VENEZUELA.

President (Provisional) (1915-1932), V. Marquez |

Interior, P. M. Arcaya.

War and Marins, M. V. Castro Zavala,

ner bes arthorities calculate the actual present area to be approximately \$62,328 equare miles. The census of 1891 gave the population as \$23,259; it was estimated to be \$265,569 at 23 Dec. 1908. The principal miports are cotton prints and cotton drill. The principal articles of export are coffee (\$52,595,000 in \$911-21); caccos (\$3,217,560 in 1911-19); balta turn, goat-kins, asphate, and hides. The U.S. is the principal catcioner.

	Bs. 41,800,50
Debt	\$33,014,85
Total Imports	17,447,74
Total Exports	27.008.48
Imports from U.S.	E 407 28
Exports to U.S	0.762.06
	317-31

The Unit of Currency is the bolivar of xoo contains, worth approximately 1955 cents, the U.S. dolivar = \$\$\delta \text{bolivar}\$ is described by \$\$\delta \text{contains}\$. Gold column to the property of the

La Guayra, Homer Brett 3,000

Consular Agents at Caracas, Carupano, and Ciudad Bolivar.

RELATIONS OF THE UNITED STATES WITH THE BELLIGERENT POWERS.

Tim diplomatic relations of the United States with the belligerent Powers were complicate during 1994-1995 by the intringements of the rights of contrast on the high seast resulting the properties of the proper

vessels, to be

The controversy with Germany, because of its revivity, deserves to be considered drat. When Contain product the containing containing the con

one disceiled anims is wested of the enemy."

The United States naturally refused to consent to such an arbitrary attempt to suspend to such an arbitrary attempt to suspend the wested or unarrand enemy sees that the suspend the wested or unarrand enemy sees that the suspend the wested or unarrand enemy sees that the suspending the sus

with the friendly relations now so happily subsisting between the two Governments. If such sisting between the two Government of the Government can readily appreciate that the Government to the first states would be constrained to hold the Imperial Government to; authorities, and to take any steps it might be necessary to take to safeguard American lives and property, and to seeme to American citizen and property, and to seeme to American citizen

m the high sees

Since the acknowledged rights of Americans on the high seas included the right to non-combatant treatment when taking passage on untarned interchainmen of the nations at war more and the season of the construction of the control of the construction of the control of the construction of the control of the

The Note of 10 Feb. is the simplest and strongest statement made of the American determination to defend neutral rights, in spite of the fact that it bears the signature of Secretary Bryan, who subsequently left the Cabinet because he considered the less aggressive post-Lusitania Notes to be too sharply provocative and therefore likely to precipitate a sever-

The country did not at once grasp the implications of the 10 Feb. protest. It is probable that the Administration itself did not fully realize the completeness of its challenge to Germany, since it went ahead, without any military preparation, for the clash which Germa action might make at any moment inevitable.

action might make at any moment inevitable.

of Feb, merely amplifying its original threats.

Minister you Jagow wrote: "The safest way of doing this (of a worling and greet or neutrals in Minister you Jagow wrote: "The safest way of doing this (of a worling danger to neutrals in Minister you have been a maritime war. Neutral ships entering the cided waters in spite of this ammouncement, given to far an advance, and the military purpose against England, bear their own responsibility for many unfortunate accidents. The German Governming of the safe of t

States declined to take that proposition

liability for damages, or had to accord the towns in sinking her.

In the "war zone" itself cause of friction soon developed. On 28 April an American vessel, the Cusking, was attacked by a German aeroplane off the Dutch coast. On x May another American

visitation and search, and of scrupinous regard for ngn-combatants' lives. The German Govern-ment assumed the position that Americans who took passage on allied merchantmen forfeited their right to be dealt with under the ordinary rules of sea warfare. The German Embassy in

what of 13 May, in which the United States ummed up its demand for reparation as follows: The Che United States) confidently expects, which is the state of the States of the States of the Hill dissow the soat of which the Government of the United States complains, that they will make reparations for as reparation is possible that they will take immediate steps to prevent her the states of a state of the states of the prevention of the principles of warfare for which have the states of the states of the states of the principles of warfare for which and to which you do firmly confidently in continuance of its notice of re Sch. that is no uniformed to the states of the form of the or was the states of the states of the Laterians, he State Department now amounced that "the upperful German Government will not expect."

in Berlin. The Grand of engineering in Berlin. The German Government was fully aware of the mental reservations (or Secretary The Island of Frasident Windows Country amiliary unpreparedness, could also country amiliary unpreparedness, could also produced to the Country amiliary unprepared to the Extending Monte Country amiliary unprepared to the Extending Monte Country amiliary unprepared to the Country amiliary to the country of the Extending Monte Country amiliary to the country of the Country

A crisis arose in the Wilson Cabinet over the form which the American rejoinder should take On 8 June Secretary Bryan resigned, giving this reason for his action in the letter in which he reason the second of the second
anticipate the intended of Settle-Bellethy modifies that the property of the settlement of the settlem

eceded from her position, so far as American hips were concerned.

responsive. It declined to admit accommability for the American lives lost on the Lustania and suggested a guarantoe of "free and safe passage" for Americans, to be accomplished by placing four enemy passenger steamers under the American flag, barring them at the same time from carrying munithous of war.

The third diseasem both, that of an July rejected these suggestions of "free and air passage" under special conditions dictated by decrearny. Secretary Januing also wrote: "The state of the state of the suggestion of the state of the suggestion
On 19 Aug., a German sithmattic sank off for New York. Two American lives were lost. This incident raised anew the issue left unsettled in the Lustiness correspondence. It was a fresh to the late of
On y Sept., a note on the Arasac case was an patched from Berlin. It expressed deep rear that American lives had been lost through the attack on the Arasic, but tried to defend the control of the contr

memorandum, made public of 29 Oct., orders were given by the German Government on or about 9 July to submarine commanders to torpedo large passenger vessels only after giving warning and providing for the safety of

those whom the Government is responsible for electing and those whom it is not."

These passages foreshadowed the changes in

These passages forestadowed the changes i British policy which were soon to be put int effect in retaliation for Germany's "war zone proclamation and her unwarranted submarin

on a Feb., in a letter dealing with the seture of the Widebunia, an American used carryin a cargo of grain consigned to Hambung, able on Gormany's part's, Nr Edward Grey add; "I therefore, His Majasty's (loverument should hereafter field countrieshed to declare footstam hereafter field countrieshed to declare footstam for interfaring with German trade, by way or reputals, they confidently expect that am earlier will not be chilespeed on the part's contribution of the confidently and the contribution of the confidently and the confidently are confidently as the confidently as the confidently as the confidently read to their forming a first profit of their forming a first firs

Riberty and inheliton to disregard, so long assuch neutral states cannot compel the German Government to abandou methods of warfarwhich have not in recent history been regardedted to the control of the latery humanic for a March Sir Coul Spring Mose of the March Ambussador at Washington, indicate the Site Department that the Rritish as a French Govern-

the interpret. Silips currying goods of presumed enemy destination, ownership or origin. The tricle in Council, carrying out the new programme of extinguishing trade to and from Council or Council of the Council of Counc

enemy property.

In a letter accompanying the text of the Order in Council, Sir Edward Grey said that the purpose of the Order was "succinctly stated, to establish a blockade to prevent vessels from carrying goods for or coming from Germany Yet no blockade of German ports, in whole or in

German Baitic ports was established.

The United States Government stated its main objections to the new British noval policy in a objection of the new British noval policy in a collection of the new British noval policy in a collection of the state o

the American Note declared the Britis

Great Britain sought to meet the situation by enlarging the list of absolute contrahand. Cotton was made absolute contrahand on as August. Prior to that date a very large quantity of American cotton destined for neutral countries had been requisitioned or purchased by the

British anthori

The Allied Powers challenged the validity of transfers of German-owned slips to American transfers of German-owned slips to American by setting the Dacia, formerly a Hamburg-American relight steamship, which had been purchased by American citizens and transferred to American registry for the purpose of carrying the science of the Company of the Company of the Science on 88 Feb., and the vessel was subsequently condensed in a Prench prize court on

on In g test, a trial remarks as more owner.

American registry, on the ground that the real

was a more of the ground that the real

or in part. On 15 Sept. Sir Samuel Evans,

as stiting in a British prize court, ordered the con
infeation of 32,000,000 pounds of most and meat

products consigned by Chicago pooking houses

to be mark, on the ground that these products

and naval forces

The lack of any bitterness in the relations between the United States and the Allies was made strikingly manifest in the floating in the United States of a loan to direct Britain and France of \$500.000,000. It is the largest-single foreign loan ever made by American investors, and the largest

THE LAND OPERATIONS -

ITH was which fee people doubted, in view within a twelvementh, still drag oe, and has indeed recently taken a new lease of life in the Ballium. Four mailson are now lease of life in the Ballium. Four mailson are now lease of life in the Rallium. Sour mailson are now leaves to the Advance of the control of the still depend on the property of the people of the peop

break through the opposing lines and operate against the divided forces, while operations against a flank seem to be precluded, by the presence of a neutral barrier on the one hand

countries where compulsory and gratuiteur mational service has been the rule of file and the law of the land for several generations, it is comparatively easy to ease this form of tribute comparatively easy to ease this form of tribute accustomed to state interference with personal illustry and freedom of contract, many and grave the contract of th

The etromastances in which the main army of British troops, was driven from the French British troops, was driven from the French Formaties to the east of Faris by the German army, after the latter had matered the Belgian street of the troops of the French Formaties of the French French French Formaties of the French Fr

Pervyse), and the 6th Division detaches a

Pervyse. Oh 23 October the French 4and Divithe Germans then retained nothing on the left bank of the Yser, but listening posts and obser-vation posts which were isolated among the floods. The Belgian army still retains this posi-tion. Meanwhile, General Foch had been placed

and division, and on the night of 24-25 October

On so October the cavalry held the line St. Yves-Messines-Garde Dieu, and thence along the Wambeck to Houthem and Kortewilde; but the left and center were thrown back to the Ypresopened fire and the battalion lost 388 men in the

an infantry commander, except that he had his

infantry corps. They formed part of the German armies under the Crown Prince of Bavaria, the Duke of Würtemberg, and Generals von Fabeck and von Deimiling, which General Joffre estimated at fifteen infantry corps and

serve, while the second Army was to engage the enemy slong its own front by "secondary and holding attacks and demonstrations." The object of the main attack was the capture of Neuve Chapelle and ground beyond, eastward towards Lille. Neuve Chapelle is a village about

To the north all action has been defensive; in the south attacks had been made in support of the French who have been operating south of La Basses. Sir John French's dispatch deals with four distinct "battles"; (i) that of Allil &c, Sir Charles Frençauson on ya part, and fest again on 6 May; (a) that of Ypres, which was brought on by the repulse of a French division with a loss of 50 guns on as April, when the German's use of asphyristing gas since as a surprise. (i)

Douglas Haig, north-west of Fromelles, and be-French guis. This action was noticen of a ga May according to the dispatch, though the French bulletin of May 25 states, "Les troupes britanniques out réalisé des progrès dans la direction de La Bassée"; (4) the operations of the 3rd corps by way of demonstrations which covered the inner flanks of the First and Second

who made no move, we accustomed by official We had become a general control which coupling the second with the contained such expressions as "lively cannonales," artilliery lattle," and "intense and reciprocal way and the second contained such expressions as "lively cannonales," artilliery lattle," and "intense and reciprocal way and the whole world was the second contained to the second

Vimy, capturing the Vimy Ridge, but no mentio is made by either Site John French or General Joffre of Lone, which their Bet John French or General Joffre of Lone, which their between the two attack the state of Lone of Lone of Lone of Lone of Lone John Lone of Lone John Lone of Lone John Lone Jo

training. From the morning of 25 April to the torqued together under gun nre on a narrow tongue of land; and in order to increase the depth of his position Sir Ian Hamilton resolved to attack again on 6 May. The agth division, consisting of the 87th and 88th brigades, the

day the 87th and 88th brigades, reinforced by another 200 or 300 yards of ground. The troops were worn out and yet were ordered to and won about 200 yards, covered by the of the ridge. The net result of three days divided his front into four sections and garriwere repulsed with heavy loss. In August, Sir

effected a landing at Suvia Bay on the west coa of the penisuia, and launched a fresh series of the penisuia, and launched a fresh series attacks against the Turkish positions. But is spike of the devotion of the troops no progecould be made. In October Sir Ian Hamilto was recalled, and General Sir C. C. Monro wer out to assume command.

Operations against the Turks in Mesopotamic began in November, spr. An Indian brigade with mountain batteries, had sailed from Bom bear in Control of the Property of the Control of the Property of the Prope

Indians, captured x,034 Turks and 4 guns. On 20 Jan. a reconnaissance in force towards Rotah with two brigades concluded the operations of Sir A. A. Barrett, who, on account of ill-health, gave up the command to Sir John

Nixon on 9 April.

On 12 April the enemy delivered a serious attack on the British communications with the sea coast near Basra, at Shaiba and Barjisayah, which was repulsed by Gen. Meilis, with the brigades of Gen. Fry and Gen. Delamain (5 batalions, 3 batteries) and Gen. Kennedy's cavalry brigade. In June Sir John Nixon advanced to Amara, on the Turris, and at the end of July to

Turkey's threats against Egypt have come to nothing, though great preparations were mad

Bagdad, ex-Minister of Mari

the bitter enemy of England.

Evidently the blow must be delivered at the Succ Canal, and of course this valuable line of Form the American Canal Cana

had withdrawn their main forces to the Galtiprol posinania, and the Grand Duke Micholas was the funks, relieved by the course of events in the Ralkans, began to assemble another large force in Armenia—some soo battalions drawn from the control of the course of events in the control of the course of the Canadas another campaign in this region may result from the sporadic fighting recently reported.

In German South-West Africa a division of failor troops, including the imperial Light from the control of the c

tanks, leaving a rear-gund at Nomidas.

On ag March General Bothsk column that reOn ag March General Bothsk column,

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General Botha appeared to regard his four mouths companie southwest Africa arisinate mouths companie southwest Africa arisinate and the search of the search

General Botha, pushing his hardy troops zoo miles north of Windhoek, occupied Omaruru on zr June and Otjivarongo on z6 June. His aeroplanes bombarded German troops and trains at Otavi, which was seized on z July, and za week later the German commander surreculeved unconditionally at Temps, the railway terminus. German South-West Africa no honger exists. German South-West Africa no honger with the control of the control of the control of the commanders in the field to-day has given the world a shining example both of that power which differs from the more ability and the control of the control o

The invasion of German West Africa compelled the enemy to destroy his great wireless station at Kamina (Togoland), which had communicated with Naueru, in Germany, Taiors, in East Africa Windhoek, in S.-W. Africa, and Pernambuco

It had only been a few months in operation. Then a british Expeditionary Force, and the Tenan British Expeditionary Force, and the Royal Nijerian Marine having cleared the place of mines, the troops landed in order to gait the Royal Nijerian Marine having cleared the place of the Royal Nijerian Marine having cleared the place of the retreat of the Governor and his staff was to destroy the bridge which would have cut of the retreat of the Governor and the Royal Nijerian Marine Alexandro Marine Royal Nijerian Marine Royal Nijerian Marine Alexandro Marine Royal Royal Nijerian Marine Marine Marine Royal Nijerian Marine Marine Royal Nijerian Marine Marine Marine Marine Royal Nijerian Marine Mar

dediminant of the Wolks and Di. column opporating eastward from Nigeria, and the Freedo troops pushing morth and west from the Gongo Interest of the Congo and the Wolkship and the Freedo from the Congo and taking part in the conquest of the Comeron country strained from Aymerich. But the real enemy into the Germans, who are quite outcumbered but geography and climate. He real enemy into the Germans, who are quite outcumbered but geography and climate. He real enemy into the geography and climate may be a support of the congo and
German East Africa is the territory where the Cape to Cairo. It is larger than Cape Colon and almost as large as Rhodesia. The coast-lit to over on miles long, and of course the blocked should prevent the German relocates receiving help from oversaes, but ILLS doubtful whether help from oversaes, but ILLS doubtful whether munifician. It seems there is not enough force to deal with this colony as General Bottla deal with the German South-West. At the end of and has desired Varga, at the mouth of the Umba River; and the counter-invasion by an Indian German railway terminus at Taigs. The commander therefore re-umbarked and landed at Mountant to four the local Groce—the Kinge is

African Hilles and Colonial Volunteers.

Manawhile, an affair on the frontier soo mid
Manawhile, an affair on the frontier soo mid
Germans to execute this post. In January
strong British column, assisted by the Nav
(which had already destroyed the port of Dare's
Salama and the wireless station), drove the ener
cocupied Jassim. The commander left a garrise
at this post, which on sy January was compelle
to surrender to a superior German force. The
made of the story that the British Governmer
felt bound to explain the situation. An expedition to the island of Mana took possession of the

piace, about so miles south of Zamilar.

Another some of operations was the region of the German ports of the great lakes. One of the German ports
The French operations during the last year have been of the same character as those of the British and the Belgians, and the official content of the British and the Belgians, and the official content of the British and the Belgians, and the official content of the British content of the British content of the British content of a section on the left of the British from held by have garrinosed aline of detener from the British right southwards to Compilego; thence east ward to Naney; and from that priori along the prevention of the operations showed that originally the arms of the prevention of the p

assumed to the Results had asserted her superiority over both Germany and Austria, and finally that the German check was bound to end finally that the German check was bound to end more than the superiority of superiority of the superiority

General opinion on the war in the West is all the armies and their commanders remain practically where they stood a year ago. In July another semi-official book, called "The Achievements of France," expounded the theory that the war in the West was "a war of attrition": that the French front of 550 miles attrition" indix the French front or 500 miles was being held with 1% million men; and that the space from the sea to Albert, the vicinity of Soissoins, and Reims, Northern Champague, the Argome, the Verdun and Namcy circles, and the southern sind of the Vosges, were the sections

words are now half a year old, and we seem to mearer understanding what is that "nationa strategy suited to the genius and the circum stances of the French people" which Genera Joffre is said to have created. Certain it is that the property of the property of the property of be informed of the patent to which it is likely to be involved in a pian so expensive, if, indeed, this plan and no other is being carried out to-day.

In the Eastern theater the largest number of troops have been employed, the longest marries thave been made, and the most desperate battles have been made, and the most desperate battles have been fought. The causalties may be reckened in millions. A year ago the Grand Duke Nicholas Had invaried East Pressia as father iver San, while his central force had reached the frontier of Posen and Sliesia. To-day the same armies, reduced and renovated, are behind control of the control of the same armies, reduced and renovated, are behind provided to the control of the same armies, reduced and renovated, are behind to the control of the same armies, reduced and renovated, are behind to the control of the same armies, reduced and renovated, are behind to the control of the same armies, reduced and renovated, are being the same armies, and the same armies, reduced the same armies, reduced the same armies, and the same armies are same armies reduced the same armies are same armies are same armies and the same armies are same armies are same armies are same armies.

The story of this great retreat would involve an account of many sieges, of wood fighting and village fighting, the attack and defence of bridgheads, as well as pitched battles in the displacement of the story of the story of the transportant forwa, destroyed railways and bridges, and devastated entire districts in order to deals the pursuit and exhaust the enemy for the brenefit of their allies in the West, and although the prestige of victors, it may be doubted whether in a military sense they had not done better to protect their own frontiers and throw monto the scale against deneral 30 for the mass of

Yet it has been a great disappointment that the Russian surry should have been compelled retreat. On all grounds it was desirable to make war in the enemy's country, and the make war in the enemy's country, and the properties of the machinery for representation of the machinery for representation or a long war and a collage of the machinery for representation of the machinery for representation of the machinery for representation of the machinery for machinery of machinery for the properties of the machinery of munitions of war; officials have been consured; the essention war; officials have been consured; the cessation war; officials have been consured; the cessation war; officials make the machinery of multiple statements of the properties of the property of the properties
Happly there are now signs of improvement in all respects at the moment when Germany is beginning to feel the strain of her many articles are sufficiently as the spring the Czar's armics will be in a condition to attempt the enormous task of driving the Austro-Germans out of the country they have

The Russian armies under the Grand Duk Nicholas were originally grouped in three masse and assigned to East Prussia, Poland and Galici respectively, and fortunately at the outset when the Anglo-French army was in joopardy fact which the French Government, at the moment of its quitting Paris, skirlityl utilizes to reassure the population, declaring that, the whilst the schmidt delivered the decisive how whilst the control of the control o

between Lotic and Warawa, Its right on the Visital, its centre along the Burn river and the Lowitz-Stierniewicz Fallroad, and its left on Lowitz-Stierniewicz Fallroad, and its left on Lowitz-Stierniewicz Fallroad, and its left on the Lowitz-Stierniewicz Fallroad, and its left on the Lowitz-Fallroad of the Lowitz-Fallroad of the Lowitz-Fallroad of the Warawa railway at Bloods, south of Nove that "Germany has made her maximum effort beautiful her word to the late of the l

The Kaiser now hurried to the Eastern frontie to concratulate his troops, and to confer the Order for Meric on General von Bulow, who offers for the Confer to General von Bulow, who are the confer to General von Bulow, who are the confer to the Confer to the Confer to the destruction of the Russian soch cops, while was enveloped by the enemy between Golds and Sawakii. General von Hinderburg was inchief command of the 15 German corps concentrated in East Trustia, which the Russians has

been unable to withstand or avoid.

Meanwhile the conquest of Galicia had be undertaken by a million Russians, formed lines armies under Generals Brussilov (hased Odessa), Russky (based on Klev), and Ewe (hased on Brest-Litovsk). The Austrian for were coughly large, but after the battle

Rewardungs they retereded in two masses, the comparison of the Cartesian and the control of the

It was discovered that the Austro-German we had five armies in the field: (r) north of the Niemen, (z) in East Prussia, (z) in North bland, (4) in Central Poland, and (5) the arm Galicia.

of Galicia

Russian province of Kovno, 80 miles east of Memel, as though striking out for the Petrograe Warsaw railway about Vilna. These operation were supported by the Baltic squadron; an naving captured on 8 May Libau, the Russia boot, the Germans declared that they held the sty to the Baltic.

By the end of June the Austro-Germans had

Italy, who fifty years ago was compelled to accept the return of venetia by way off fift from France, as the result of her alliance with Frueis and the unmicroseful battle of Custozza, dead the unmicroseful battle of Custozza, dead the unmicroseful battle of the control of th

who advanced beyond the frontier in the valley of the Isonzo on a front of 70 miles, while the Austrian main army was engaged in Russia. Across the Adriatic the Austrian and Italian airmen engaged in raids. Pola was visited by a dirigible which bombarded the arsenal, but the Austrian aeroplanes have retaliated by dropping

tion for the Austrians who studied the frontier line imposed upon Italy in 1866. Wherever a

Serbia, in November, 1924. Was attached in great force by Ameria, who heavily fall the diagrace of her defeats in August and September. The last attack had been the sequel to the diagrace of her defeats in August and September. The last attack had been the sequel to the transport of the sequence of the sequence of the it almed at Vallevo from the was, over the Drina. But now a mass of seven corps, under General Potiorsk, swept into Serbia across the Serbia and Marshal Putnik retreated into the range of hills south of Vallevo in midtical sequence of the serbia of the serbia parently believing that resistance was at an end, Potiorek despatched three corps to the Carpatitions to take part in the first of unnex grains and plenished their amountion from a source plenished their stammittion from a source plenished their stammittion from a source bone. After a three days battle they routed the Austrians, who field in all directions, and had re-entered Belgrade, after take of Serial had re-entered Belgrade, after take of Serial had re-entered Belgrade, after take the Serians had been reconcrating when the German plan to

Bulgarian coast at Varna and Dedeagatch. The

THE NAVAL OPERATIONS.

THE article in last year's ALMANAC dealing with the naval operations of the war brought with the part of the war brought with the naval operation of the war brought was a superational part of the pa

Following the plan adopted last year, it is proposed to deal with the naval operations, not chronologically, but under various beadines or their observations beadines or their locality. Save in its widest appect, awar warfare is of necessity made up of more or less isolated unidents, between which there was not their common direction against the enemy. A strictly chronological record would therefore be tracted by the control of the naval operations it will be account of the naval operations.

Admini Prince Louis of Battenberg, who was appointed First. Sea Lord on to Dec., 1924, the administration of the Louis Prince Pr

former administrative heads of the Navy were content to absent themselves from the Admiratly—scurious state of affairs in time of war, characteristic of the Duchy of Lancaster in the Casiltion Cabinet, and on 4 July Lord Fisher was appointed chairman of the Inventions Board, was appointed chairman of the Inventions Board, ordinating and encouraging scientific effort in its relation to the requirements of the naval service. The Duke of Devonahire succeeded Mr. or 4 June.

CIPADING THE OUTER SPACE

only the briefest details of the Coronel action were available when the ALRAKOR was to press hast year. The German squadron under crossing the Pacific Wilson to Moderate squadron under crossing the Pacific Wilson to Moderation, though his property of the Coronic Control of the Coronic Control of the Coronic C

to ages tons, currying to ay-th, gues aplece.

It is a sea and with the Firth ships shoulded against the affergiow of the sunset. Firing began at a state the Firth ships are proposed to the season of the state of the season of

This defeat was the heaviest blow the British had suffered at sea since the war of 1812, and although their ships were greatly inferior in gunand control of the single-called control of the control of th

Installately upon the news of this disaster reaching England vigorous steps were taken is reaching to the property of the control of the contractive tit. In 18 no. 19 to the control of the cruises, accompanied by the Inspaceble, a sixth ship, and, on his way across the Atlantio, was Joine Kent, the protected cruisers Glagowe and Britoand the antiliary cruises Macedonia. Assumin get across to the West Aricina coast, a sweepin movement was carried out to the southwest by thibod vacces, and the squardorn pit in the minutes under 2 hours the Canapus ying in Fort Stanley, Railand Islands, openas they came up from the south with the eviden insettlo of attacking the little colony as

continuing cheft journey.

The result of the action which ensued was a foregone condition, for the opposing forces were considered to the composing forces were considered to the composing forces were considered to the composition of the first rounds at a range of 15,000 and; but as the first rounds at a range of 15,000 and; but as the first rounds at the considered the condition of the composition of the composition of the composition of the condition of the composition of the compos

The finenciale and Indexible, with the slow Carnarons astern, devoted their attention the Schurathorst and Gneisenaus. With raigmus opposing their 8:2% and with a wide many of speed avainst them, the fate of the Germ ships was affectally scaled, it being only a matt whips was affectally scaled, it being only a matt weight to multitain. As 4,xy the German Hagale turned over and disappeared, her colours at lying, and the fight was continued single-handed by the already badly hit Geneismus, which, according to the evidence of survivors, went on firing until her last round was gone. By that time she was simply a shattered mass of metal, and at 6 Colon, ten minutes after the British ships ceased fire, she suddenly heeled over and sank, her fag still fiving.

The best from the control of the control of the proper use of superior need force, the only weak spot in it being that our ships were so disposed that their own smoke sometimes hindered their gumners. The German varily superior force to settle with von Specianoring the fact that the basis of our naval policy is and must be the ability to meet the policy is and must be the ability to meet the shown of the control of the con

I. Invincible and Inferible (17,250 tons each), combined broadside, 16 12-in. guns = 13,600 ib.

23,600 ib.

Scharnhorst and Gneisenau (11,420 tons each), combined broadside, 12 8 2-in. and

z. Cornwall and Glasgov (9,800 and 4,800 tons) combined broadside, zz 6-in. and 5 4-in. = z,305 lb.

ozig (3,200 tons), broadside, 5 4 r-in. =

Numberg (3,400 tons), broadside, 9 6-in. = 900 lb.
Numberg (3,400 tons), broadside, 5 4.1-in. =

The entire crew of the Scharnhorst was lost but, 222 officers and men were picked up from the other ships. The British loss was four mer killed and seven wounded. While the fight wa in progress the British and Macedonia destroyed the other behavior of the control of the state o

Between the Coronel fight and its sequel it hat fallen to the hot of a mile of the young Amtralian fallen to the hot of a mile of the young Amtralian for the hot of the sequence of the property of the property of the hot
down her flag to a final salvo at 4.35, the Sydney having been absent for some time in chase of a

destroyed had been 54, the last being the barque

a good deal of wild talk-official, as well as

gum on their upper docks, but this was denied again on their upper docks, but this was denied again on their upper docks, but this was denied again to the dock of
Section of the state of the sta

It will be noticed that while the ships engages in the first raid got away without interruption of the first raid got away without interruption of the real raid of the real raid of the real raid of the raid of

BRITISH—

bion, 8 13'5-in. guns.

Tiger, 8 13'5-in. and 12 6-in. guns.

Princess Royal, 8 13'5-in. guns.

Derfitinger, 8 12-in. and 12 5'9-in. guns. Sepillitz, 10 11-in. and 12 5'9-in. guns. Moltke, 10 11-in. and 12 5'9 in. guns. Blücher, 12 8'2-in. and 8 5'9-in. guns.

The action should have been a test between

The casualties were 15 killed and 28 wounded. Of the Blücker's nominal complement of 847.

The canadities were a killed and all wounded.

Ag were award by British reason.

This was the last raiding attempt made down to the end of October, but a number of minor to the end of October, but a number of minor and outpost services. On a May a series of aktimishae occurred in the North Sea, resulting in the sinking of the destroyer Revnit' by an attravier Columbia by two small toppedo beats ("outpost beats") built at Antwerp, and the subsequent destruction of these bow results by Six days later the destroyer Moore struck a mine while cruding of Zeebrugge, and her crew were made principes, as well as a boat from the ay May the converted line: Frances Irme blew up in the Medway through unknown causes, overroom on board being Rilled. The herisant property of the Carterian of the Carterian Country of the Carterian Carterian Country of the Carterian Country of the Carterian Carte

another series of incidents similar to those of much by a submarize of the Norwegien coast on the 8th, and the same day another auxiliary, the minimal part of the Norwegien coast on the 8th, and the same day another auxiliary, the minimal part of the same day another auxiliary, the another and the same day another another and another and the same day another another and the locals and two saves from one by the approach of a submarine forlills, before which the British cruthers withdraw of on § Aux. the approach of a submarine forlills, before which the British cruthers withdraw of on § Aux. the and small, with a loss of eg officers and men, and on the and another Antwerp" cruthyot local: was destroyers off Ottend. On \$2 Oct. the armored cruther strong in a nation on the east coast of destroyers off Ottend. On \$2 Oct. the armored cruther strong in a nation on the east coast of loss. Six was a stater ship to the Rechargh, which had been unanconstilly toppeded by an

These are the main incidents of the North Sea and Bast Coast partol that have been unside and Bast Coast partol that have been unside an incident which occurred on 16 Aug., when a German submarine shelled Whitelaware, Parton, and Harvington, causing Hithe damages likely of the Coast of the Coast of the Coast of the Market Sea and Harvington, causing Hithe damages when the full story is told. Thousands of mines when the full story is told. Thousands of mines when the full story is told. Thousands of mines memory from raiding cruisers, innocent-looking memory flows of the Coast of the Coast of the Coast of the State of the Coast of the Coas

trawlers.

INE SUBMARISE DESCRADE.

It has been shown that the cruiser campaign mellowing any appreciable cruiser campaign and the mellowing any appreciable cruiser campaign and admin was that of the submarine in lix expected admin was that of the submarine in lix expected admin was that of the submarine in lix expected admin was that of the submarine in lix expected and the submarine designed and the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed rapidly as an agent of designed the submarine designed and the submarine

The principal facts in the German naval ou look after a few months of war were, therefor

It is quite unnecessary to go in detail through the record of the "submarine blockade," which was nominally still in existence at the time of sending these lines to probe. In the last week of January, 1915, half a dozen merchantmen were sunk, matthy between Anglessea and the Menzey, and this was regarded as but a poor assumple of what would happen when the submitted of the sunk of the

Period' (4 weeks).				Arri	Arrivals and British Sailings. Ships sur		
Feb.	18 to 1		17		5,95X		Ig
Mar.	18 ,,	Apr.	14		5,675		16
Apr.	15 ,,		12		5,991		15
May		June	9		5,478		20
June		July	7		5,582		25
July		Aug.	4		5,513		12
Aug.		Sept.	I		5,598		35
Sept.	2 ,,		29		5,563		22
	30 ., (Oct.	20		4,145		13

were 1272 arrivals and satings and only one vessel sunk, the figures have not been published, so that only three weeks are covered in the last line above. According to this the number of whereas in the four weeks aron 2 Oct. to 25 Oct. 1774, the average was 1264 weekly. It is important that this should be noted, because one to prevent the use of British port is whitein the prevent the tase of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the set of British port is whitein the prevent the pr

tinctly failed to achiev

The prosecution of this campaign was marked, blackest deals that have beenineded the many history of any nation, ancient, mediewal, or modern. It was obvioun, of course, that German means and the campaign would have to proceed, it at all, by admitted: but the verything in international was admitted: but everything in international law and the campaign would have to proceed, it at all, by admitted: but everything in international law and the canadoms of war, whether written or be made for respecting the right of neutrals and the lives of all non-combatants. There was evidence before the fusitionion of the "blockade" and properties of the second of the s

of ferman submarine commanders when attacking merchantmen seems merely normal. In large proportion of cases—far too many mention individually—shins and fishing-boat mention individually—shins and fishing-boat mention.

minutes she sank in deep water. 1,198 men, women, and children were drowned." The

Of those killed are were United States citizens, and the relations between that country and and the relations between that country and Germany became severely strathed in consecutive that the severe that the severe that the contraged by similar, though loss centartophic, incidents and by askacks on American ships, passengers and crew had been warned to get away, was gorpedoud while some of the boats were still hanging from the darks or lying away, was gorpedoud while some of the boats were still hanging from the darks or lying away was abrophed from a German accoplant; or a 1 May the Guilfaght (U.S.) was sunk of the Orknow o

representations a promise was extracted that in future no "liners" should be attacked unless their passengers and crows had been allowed to writing, there has been no satisfactory definition of the words within inverted commax. The value of the promise was demonstrated on 14 Nov., when two enemy submarines shelled Ancona off Sardinia, sinking her, with a loss of 194 lives. The attack seems to have been entirely unprovided, the capital of the liner asserting that he stopped his vessel immediately American subjects were among the Rilled.

Several cases neve arisen in wince the use guiltry of Serman attack on merchantinen wa apilitry of Serman attack on merchantinen wa those of vessels carrying Government stores others where vessels were called upon to sto but endeavored to escape, and, as in the cas of the Hesperium (the only known instance) torpedoed on 6 Sept., prs., where a gun or gun had been mounted "for the purpose of self

THE WAR AGAINST SUBMARINES.

It goes without saying that the war agains submarines has been prosecuted with vigor, but there is no real evidence as to the extent of it success beyond the poor results which enem vessels have achieved in spite of the energy be lieved to have been put into their construction An Admirally statement of 26 Aug., 2925, referre-

to Gorman summarine losses at Batting Deen Good Comman summarine losses at Batting Deen Good Command C

The most recent estimates of enemy loss some of the control of the Richard Series, and, member of the Ritish Parliament said: "Since the outbreak of war we have sain & o Germa minimation. Every-lock war we have sain & o Germa minimation. Every-lock war we have sain & o Germa minimation. Every-lock war we have been a control of the con

that is others were destroyed before the adoption of the net system. One is inclined to regard of the net system of the control of the varieties of the truth. Shortly before the outbreak of the varieties of the hand, and she is believed now to formany was known to have go submarine complete or in hand, and she is believed now to foll highess service. Lord Selborne, however, suggested in July that in all probability Ger man shiphulfulg yards were concentrating on man shiphulfulg yards were concentrating on and while the absence of any great activity at sea may be held to prove the small number available, it is within the bounds of possibility that large dutiles are being bulk and trained

Since the above was written, Sir John Jellicoe has said that the Paris report of 20 Oct.—referred to above—that a total of 43 German sub-parings had been accounted for was "not any

er-statement of the case

The principal means employed by the Nay for fighting suinarises are net, fixed and other, and exceedingly fast motor-boats armed with a heavy steel man and one or two 3 mbs quicked weather it has been found possible to follow the track of a submerged submarine by means of a characteristic disturbance of the surface, and other vessels on the partol service. Nate have been very effective, not only in trapping submarines, but in protecting certain areas against their intrusion. For instance, many months in the Channel. The submarines whose loss has been actually amounced by the Admiralty are as follows:—

U 15 Rammed by H.M.S. Birmingham, 9 Aug.

*U ? Rammed by H.M.S. Badger, 24 Oct., 19: U 18 Sunk off N. of Scotland, 23 Nov., 1914. *U ? Rammed by S.S. Thordis, 28 Feb., 1915.

J ? Rammed by S.S. Thordis, 28 Feb., 1915.
J 8 Sunk by destroyers in the Forth, 4 Margor.

U 22 Rammed by a British warship. Reportissued 25 Mar., 1915.

U 14 Destruction of vessel announced, June 9

U ? Rammed by S.S. Cottingham, destruction

U 27 Official German report—this vessel last heard of, to Aug., 1915.

 Bombed and sunk by aeroplane off Osten 26 Aug., 1915.

ities issued a denial of the British elim. Us had on board Commander Otto Weddigen, wh was in command of the U 9 when that vess sank the Gogue, Aboukir, and Cressy. In addition to the above, a large number of French and some Russian claims have been made, but in ne single instance has the number of the German boat been given.

OPERATIONS IN THE BALTIC.

Down to the summer of 1915 naval events in the Baltic were of the usual spasmodic character, and the Germans lost several torpedo-craft in their operations against Libau and Windau, either through mines or hostile submarines. The armored cruiser Friedrich Carl (8,385 tons) was authoritatively reported to have heep mined

On ya Mg. the First has stomarthe E 13, Leithcommander deaderfor Schloben in attempting to control the Baltic, and, while thus lying in neutral territorial waters, was made the object of a dastardly stated by German torpedo-books, close to the subnavine two German vessels approached, and one of them, hoisting a signal, dincharged a torpedo at the subnavine from a distance of you yards before there was time to the subnavine two the subnavine from a distance of you yards before there was time to the with her guns; and when, the subnarine being now on fire fore and aft, the commander ordered the crew to abandon her, the German to the way of the subnavine the subnavine being now on fire fore and aft, the commander ordered the crew to abandon her, the German until the banish weeds were able to interpose themselves for the defence of the helpiess mon. Fifteen men were killed the this state, which ranks among the foullest of German was

atrocities.

After their failure at Riga the Germans wi drew to their own waters, having failed to see the command of the sea against a vastly infer enemy. In October British and Russian & magines began to apply the principles of i "sabmariae blockade" to German chipping in the southern waters of the Baitie, and with much effect that some as ceneny ateamers, trading between Swedish and German ports, were sume between Swedish and German ports, were sume Evidently the moral of the German merchant service and mercastile community was unable to stand the strain of this sort of hing, for the writing is that all the affected traffic has been writing is that all the affected traffic has been writing is that all the affected traffic has been supended. These submarine operations have had an important effect but her multipay states are not all the summarine to supply their strained by sea, and compelling them to deepen against the sum of the sum of the sum of the surveyor checked, if not altogether defeated.

A further important material success was second by a British submarine on as 30-th, which the armored crutier Princ Actaber was second by a British submarine being award out of a nominal cruce ved 5g. The crutier Unides was such by a British submarine conflicting the best of the crutier was such as a submarine conflicting three-desirations of the crutier was conflicted by the crutier of the cr

Russian: Pallada (armored cruiser), Venese mine-layer), and Swoutch (gunboat). Tota ons, 11,576.

Carl and Prinz Adalbert (anthesing), Friedrich Carl and Prinz Adalbert (annored cruisers) Magdeburg, Undine, and Gazzife (light cruisers) and Albatross (mine-layer). Total tons, 42,436. THE MEDITERRANEAN.

Apart from the operations connected with the attack on the Dardanelles and the Gallipoil Featmants, comparatively little of anval importance and the Callipoil Featmants, comparatively little of anval importance and the Callipoil Featmants and the Callipoil Featmants and English and

Easy declared war on America on a May amending the formula of the responsibility for looking after the America of the America of the America of the America of the America. For a few days there was good deat of flotilits activity between Pola or other, resulting in the loss of the Hails destroyer Turbine and damage to America corruless and torquie-cert. Subsequently, how the companies of the Hails destroyer Turbine and damage to America corruless and torquie-cert. Subsequently, how the companies of the Hails Destruction of the Hails Destruct

patroning force in the conditions a laways expatroning force in the conditions a laways extorpodocd and sum by an Austrian submarinean incident remarkable as being the first or
record of any commerce between understances
to the condition of the condition

PUP TARRAGET UP

Although there are many phases of the war that offer ample ground for criticism of the British Government, the seemes of all incapacity contracts in the castern Mediterranean. The dismal story has three sides—political, naval, it is the man side of the settled political, naval, it is the man side alone with with we are at present concerned. The trouble with Turker began when the Fittles Government tock over the pean when the Fittles Government tock over the pean when the Fittles Government tock over the settle of t

Open the time separate by a brief bombar, ment of the forts at the entrance to the Dardanelles on 3 Nov. by a combined Britis and French squadron, and various ports on the Syrlan coast were also shelled. Then followed period of quiet, to be broken on 12 December h a most daring piece of work on the part of an anature B 12 (Lieut, N. B. Hollmook), which marine B 12 (Lieut, N. B. Hollmook), which

arough the Straits and successfully negotiating writing has been as the morting, which statistically Messociatic A her morting, his was the first of a great peries of successes. In the was the first of a great peries of successes, his was the first of a great peries of successes. In the success of the suc

March 45, however, brought a sad distillusionment. Two days before, Vice-Admiral S. M.
ment. Two days before, Vice-Admiral S. M.
was succeeded in command of the Anglo-French
fleet by Vice-Admiral J. M. de Booker, and the
latter, in pursuance of interactions from home,
apparent object of forcing a way through at
conc. There is still some doubt as to the origin
at one. There is still some doubt as to the origin
at first stade and accepted that Lord Fisher;
First Sea Lord, expressed strong disapproval to
Mr. Churchill, and that the latter failed to
when the question was under disension. On
a Now, however, Mr. Asquith chelared that the
attack was ordered "notwithstanding some
Lord Fisher; so that the Government, it would
appear, decided on the assault against the
known optimism of their principal nawal advire.
the early aftermoon the Frunch battleship Bounet
(1.843 tool) was strunk by a mine and sank in
the control of the principal nawal advire.
It is not to the control of the principal nawal advire.
It is not to the control of the principal nawal advire.
It is not to the control of the principal nawal advire.
It is not colock the British battleship Bounet
(1.950 tool) was suilurly damaged, followed two
hours later by the Ocean (1.950 tool). Both
had been adely taken off. Several other thips
were damaged, including the Prunch hattleship
Bounded and Sayfren, and the Eriths battleship
Gaustic and Sayfren, and the Eriths battleship
desired as trilling in the efficial Turtish, and
desired as trilling in the efficial Turtish, and

German reports, or the British Admirally dealing with list attack ended with the assertion that the operations were continuing, "ample naval and military forces being available on the spot." This was a mis-statement, and it was with any vigor and the first toolless of troops established ashore. The story of the landing cannot hat loft in any detail. It was covered by record of unexampled heroism and territie loss of life. The Turkish had had many month's warm,

comply the few available handing place being dominated by one and on the rechment, and the place of the place

The work of British submarines in this region has been particularly brilliant, especially when the initial difficulties, natural and other, of get the initial difficulties, natural and other, of get on a may be as a nonunced that Lieut-Comme E. C. Boyle (E. 14) had been awarded the Y. C. for entering the Sea of Marmora on sq April, and in spite of great navigational difficulties and in spite of great navigational difficulties and in spite submarile and the spite of t

ports, our Ammunities ship, and three store ships, besides driving a fourth storeship abnor-0u 8 Aug, the Turkinh hattleship Kleyr-ed-din Emburrases (ago (ons) was annt by a Britch Emburrases (ago (ons) was much by a Britch announced; and a similar reference has been preserved regarding the vessels responsible for much havo, besides that recorded, among Turkish shipping; in the Sec of Marmora. Down damaged a total of a battleships, symbolate, a torpedo-boat, 8 transports, and pra much, shire

This were has not been carried white with the loss. The Est grounded on Kepher Roint or 55 April, under the fire of hostile batteries, as that to be abandoned by those of her crew win the hostile of the transfer of the Turks, and on the night of the 28th two picket-boats wen up the Stratts, and, in spits of heavy fire pedo. Lieut-Comm. E. G. Robinson, who was in chargo, was specially premoted for this service. The Australian submariate AE s was one of the comment of the service. The Australian submariate AE s was one with the desired of the service of the service. The Australian submariate AE s was one with the service of the service. The Australian submariate AE s was considered to have been in action with written the service of t

manding the Black Sea, where, from time to time, large number of small Jurkish vessels have been deteroid. Considerable interest has have been deteroid. Considerable interest has printed report could be trusted, has been sum, several times, dismantled, and converted into a loopital ship. She was, however, reported to be cruising in the Black Sea as recently as Gelobic.

THE ALLIES NAVAL AIR SERVICE.

the E.N. Ale Service My Gotter to the control of the work in the way. Sections have been detailed to accompany the Expeditionary Porces to pury which the section of the control of the co

the former being unsuccessful and the latter assily driven off, German seaplanes also attacked, but were equally unsuccessful. Three British seeplanes and their pilots were picked up on their return by the property of the property than the property of the property of the pilot seeplanes; and the seventh, owing to engine trouble, had to descend before reaching the ships, but was picked up by a Dutch the ships, but was picked up by a Dutch

travier.

The honor of being the tirt to destroy at The honor of being the tirt to destroy at The honor of being the tirt to destroy at the d

transport in the Bardanelles.

transport in the Bardanelles.

transport in the Bardanelles.

tryifying the offensive work of the Naval All Service. It is unfortunate that it has not been correspondingly successful in deduce. More part by Zeppelina or other dirigible sixhings have been made on England, and esveral upon London and its environs, considerable loss of Consorabip is expecially severe where air raids are concerned; but it can at least be said that the difficulties in the way of bringing down and the difficulties in the way of bringing down and the company of the control of t

INCIDENTAL WORK OF THE FLERT.

Much of the active work of the British Navy
the first fifteen months of war has taken the for
of giving assistance to military operations. The
phase of fleet service is represented by the she

and Saloulta: by the Inconsant bombaxtment of the Turkith positions in Gallipoil, and the Turkith position is a strength of the Turkith position of a type of wastlip that camp and the tendence of the territory of the Turkith of the

over.

The sales much that still has to be still of the terminal manifold service removed by the available of the sales and men in various thaters of war-in west and central Artics; on the Tigria and Euphrates; and in Serbia, where a British anvail brigade did much to hold the Dambie and the sales are sales and the sales are sales as the sales are sales are sales as the sales are sales are sales as the sales are sales are sales are sales as the sales are s

direction, endogs amount of work has instantly failed upon the British Annualty transport Department, where Mr. Graeme Thomson succeededRear-Admired H. W. Savory as Director in Control of the Control o

vessels sunk—all in the eastern Mediterranet—being the Royal Educard, Marquette, at Ramazan. Only five lives are known to habeen lost on transports in home waters, the being when the Wayfarer was torpedoed (binot sunk) in April, 1915.

THE PROSPECT AT SEA.

which have an important bearing apon it. At the outbreak of war the combined strength of the allied European Powers in completed ships of the Dreadnought type was 38, as against a German-lustrian total of 24. The number of

The Bristian Fleet, besides being reinforced by an enormous number of ships laten from the mercantile marine, has been strengthened by section of the property of the control of the public-monitors of reasons of the public-monitors of the public-monitors of the public p

the German shipyards from view we do not know. It is obvious that Germany has nothing know. It is obvious that Germany has nothing know. It is obvious that Germany has nothing he can do can appreciably fleft the huge he can do can appreciably fleft the huge he can do can appreciably fleft the huge he can do can be considered that the can be considered to the can be c

GERMANY'S 'AMBITIONS

On several occasions German publicies and prominent business mean have given to the word prominent business mean have given to the word prominent business mean have given to the word have a considerable of the control of the contro

nare natural examination of the control of the cont

is exercely handicapped by having all her ports in a pay that is no accellently shadowed by the British Isles; it is equally unpertionably the wixil interest of the British people to see that the war, so far as the sea affair is concerned, ends where it began, with the open German coast confined between the Ems and the island of Sylt, and with the freedom of the seas remaining the perquisite of the nation having the strength to command them.

THE UNITED STATES NAVY.

TRE United States, as the only neutral naval. Power of importance, is the only one whose progress during the past year is either interesting and in gar lends the constantly recurring diplomatic of aputes with Germany, have led to a noteworthy revival of interest in national national content of the programme which Mr. Josephus Daniels, Secretary of the Navy, proposes to the laying down of the following ships between 1994 and 1994 an

Battleships: z each year. Battle-Cruisers: z in 1917 and 1920; 1 in 1919

and 1921; none in 1918. Scout Cruisers: 3 in 1917; 1 in 1918; 2 in 1919, 1920, and 1921.

1921; 5 in 1919.
Fleet Submarines: 5 in 1917; 4 in 1918; 2 in 1919, 1920, and 1921.

rore, 1920, and 1921.

Coast Submarines: 25/11 1917; 15 in 1918, 1919, 1920, and 1921.

Gunboats: 2 in 1917; 1 in 1918; none in other

years.

Hospital Ship: 1 in 1917.

Ammunition Ships: 1 in 1920 and 1921.

Ammunition Ships: x in 1920 and 1921. Fuel Oil Ships: x in 1928; x in 1920. Repair Ship: x in 1921.

Require Sup? It is spir.

It should be noted challe sory in the above list. It should be noted challe sor go you, spir, and we on. The programme outlined represents an estimated outlay of about \$25,000.000 on the state of the programme outlined represents an estimated outlay of about \$25,000.000 on the scheme you have been selected up to prove the scheme you have been supported by the proposed of the property which is an and only \$45,000.000 one than \$24,000.000 one third in the British work in 1924-18. It is proposed that the battle-cruisers is \$66, feetly, and that they shall have a minimum speed of \$25,000.000 one that of the British you have a support of the property of the proposed that the battle-cruisers is \$66, feetly, and that they shall have a minimum speed of \$25,000.000 one part of the British Archivos Clash, "endurance rather than crossive speed being the object sought." The British Archivos Clash, "endurance rather than crossive speed being the object sought." The \$25,000.000 on the property of the \$25,000.000 on the \$25,000.0000 on the \$25,000.000 on the \$25,000.000 on the \$25,000.000 on the

During the past year there have been passed

ato service the battleships Nemada, and dischaemes, which, little their immediate predictions, which, little their immediate pricing the property of the prope

the two battleiships authorised in Manch, 1915.

They will be similar to the above, carrying the same armament on a displacement of about 2,000 times and a similar to the above, carrying the same armament on a displacement of about 2,000 times and a similar to the above, and the same time have been named Sampson, Roceas, Deets, 4thm, Wilkes, and Show. They will be a same time have been named Sampson, Roceas, Deets, 4thm, Wilkes, and Show. They will be above, the same time have been named Sampson, Roceas, Deets, 4thm, Wilkes, and Show. They will be above, the same time have been named Sampson, 1900 time of 1900 times of 1900

on a close struggle for second place—or hard, if AFAS.—Little is known of the progress of the Japanese Navy, but the following facts are available:—The battle-critises High. Herman, and the structure of the str

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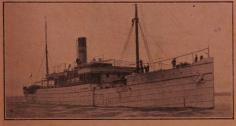
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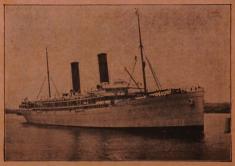
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